

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030921\
 Data File : VU042537.D
 Acq On : 09 Mar 2021 12:58
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

SAM
 3/12/2021 5:18:44 PM

Quant Time: Mar 10 06:07:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 10 05:59:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.124	96	22103	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	10556	1.19	ug/l	0.00
Spiked Amount 1.000			Recovery	=	119.00%	
68) 1,2-Dichlorobenzene-d4	12.201	152	11273	1.24	ug/l	0.00
Spiked Amount 1.000			Recovery	=	124.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	184163	21.04	ug/l	99
3) Chloromethane	1.523	50	156491	19.62	ug/l	98
4) Vinyl Chloride	1.607	62	160386	21.12	ug/l	98
5) Bromomethane	1.861	94	94488	23.92	ug/l	100
6) Chloroethane	1.938	64	97559	22.57	ug/l	99
7) Trichlorofluoromethane	2.144	101	259717	23.78	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	133340	23.00	ug/l	98
9) 1,1-Dichloroethene	2.588	96	114684	22.13	ug/l	97
10) Iodomethane	2.729	142	192069	25.03	ug/l	100
11) Allyl Chloride	2.932	41	222170	21.17	ug/l	100
12) Acrylonitrile	3.327	53	60754	47.42	ug/l #	85
13) Acetone	2.636	43	90765	105.84	ug/l	97
14) Carbon Disulfide	2.800	76	378072	22.34	ug/l	100
15) Methylene Chloride	3.054	84	124571	19.33	ug/l	98
16) trans-1,2-Dichloroethene	3.359	96	123579	22.20	ug/l	99
17) 1,1-Dichloroethane	3.880	63	243749	21.99	ug/l	99
18) 2-Butanone	4.729	43	182463	106.41	ug/l	99
19) Cyclohexane	5.391	56	227605m	20.88	ug/l	
20) Methylcyclohexane	6.768	83	226255	20.31	ug/l	99
21) 2,2-Dichloropropane	4.674	77	232455	21.98	ug/l	98
22) cis-1,2-Dichloroethene	4.678	96	136674	22.08	ug/l	98
23) Diethyl Ether	2.382	59	96583	22.79	ug/l	98
24) tert-Butyl Alcohol	3.205	59	58860	188.61	ug/l #	86
25) Methyl tert-Butyl Ether	3.379	73	326250	21.34	ug/l	99
26) Bromochloromethane	4.986	128	64543	22.87	ug/l	99
27) Chloroform	5.099	83	256512	23.14	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	236978	22.99	ug/l	99
29) 1,1-Dichloropropene	5.533	75	182068	19.89	ug/l	99
30) Carbon Tetrachloride	5.530	117	205566	21.66	ug/l	97
31) Isopropyl Ether	4.012	45	435229	21.20	ug/l	100
32) Ethyl-t-butyl ether	4.523	59	397150	21.61	ug/l	100
33) Tert-Amyl methyl ether	5.960	73	338121	20.11	ug/l	100
34) Propionitrile	4.800	54	41348	96.23	ug/l	97
35) Benzene	5.784	78	506696	20.62	ug/l	98
36) 1,2-Dichloroethane	5.806	62	191228	21.37	ug/l	98
37) Trichloroethene	6.549	130	139411	21.06	ug/l	100
38) 1,2-Dichloropropane	6.803	63	141387	21.10	ug/l	98
39) Methacrylonitrile	4.993	41	56742	22.03	ug/l	99
40) Methyl acrylate	4.864	55	74581	21.47	ug/l #	96
41) Tetrahydrofuran	5.080	42	51030	46.56	ug/l	98
42) 1-Chlorobutane	5.465	56	258867	19.33	ug/l	98
43) Dibromomethane	6.932	93	80605	22.51	ug/l	100
44) Bromodichloromethane	7.118	83	196149	22.59	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030921\
 Data File : VU042537.D
 Acq On : 09 Mar 2021 12:58
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

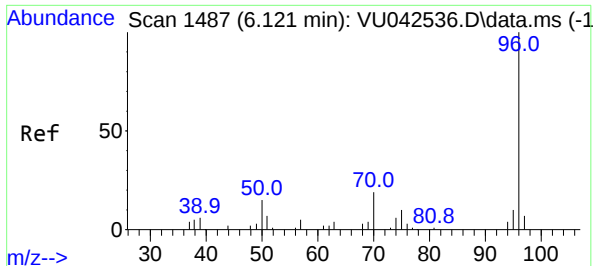
Manual Integrations
 APPROVED

SAM
 3/12/2021 5:18:44 PM

Quant Time: Mar 10 06:07:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Mar 10 05:59:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	613594	104.32	ug/l	99
46) t-1,4-Dichloro-2-butene	10.845	75	93890m	50.26	ug/l	
47) Methyl methacrylate	6.977	69	153174	42.16	ug/l	98
48) Ethyl methacrylate	8.346	69	159899	20.90	ug/l	100
49) Toluene	7.980	92	342198	22.14	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	196343	22.30	ug/l	99
51) cis-1,3-Dichloropropene	7.620	75	211072	21.52	ug/l	100
52) 1,1,2-Trichloroethane	8.414	97	107411	22.00	ug/l	98
53) 1,3-Dichloropropane	8.587	76	190668	21.66	ug/l	100
54) 2-Hexanone	8.700	43	451720	105.94	ug/l	99
55) Dibromochloromethane	8.819	129	141997	24.01	ug/l	99
56) 1,2-Dibromoethane	8.935	107	110079	22.79	ug/l	99
58) Tetrachloroethene	8.562	164	139141	23.47	ug/l	94
59) Chlorobenzene	9.456	112	375906	22.32	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	147659	23.26	ug/l	99
61) Pentachloroethane	11.436	117	122434	24.42	ug/l	99
62) Hexachloroethane	12.484	117	130771	26.14	ug/l	98
63) Ethyl Benzene	9.578	91	694391	22.76	ug/l	99
64) m/p-Xylenes	9.703	106	526342	45.94	ug/l	98
65) o-Xylene	10.108	106	256986	22.86	ug/l	99
66) Styrene	10.124	104	451057	23.82	ug/l	99
67) Bromoform	10.301	173	97604	25.87	ug/l	99
69) Isopropylbenzene	10.494	105	711587	23.40	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.793	83	151422	23.45	ug/l	98
71) 1,2,3-Trichloropropane	10.845	75	120569m	23.67	ug/l	
72) Bromobenzene	10.790	156	184118	23.78	ug/l	99
73) n-propylbenzene	10.915	120	196616	24.15	ug/l	97
74) 2-Chlorotoluene	10.996	126	172616	23.78	ug/l	100
75) 1,3,5-Trimethylbenzene	11.095	105	641697	24.12	ug/l	99
76) 4-Chlorotoluene	11.105	126	183753	24.81	ug/l	100
77) tert-Butylbenzene	11.430	119	632629	24.08	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	661534	24.67	ug/l	99
79) sec-Butylbenzene	11.652	105	836565	24.57	ug/l	100
80) Nitrobenzene	13.217	77	26434	147.78	ug/l	99
81) p-Isopropyltoluene	11.803	119	722292	24.93	ug/l	100
82) 1,3-Dichlorobenzene	11.754	146	363913	24.78	ug/l	99
83) 1,4-Dichlorobenzene	11.845	146	366618	24.72	ug/l	99
84) n-Butylbenzene	12.217	91	701134	25.34	ug/l	99
85) 1,2-Dichlorobenzene	12.221	146	352827	24.63	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	31939	24.28	ug/l	99
87) 1,2,4-Trichlorobenzene	13.848	180	267240	24.60	ug/l	99
88) Hexachlorobutadiene	14.031	225	160291	25.68	ug/l	99
89) Naphthalene	14.095	128	480677	23.87	ug/l	100
90) 1,2,3-Trichlorobenzene	14.340	180	249139	24.96	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



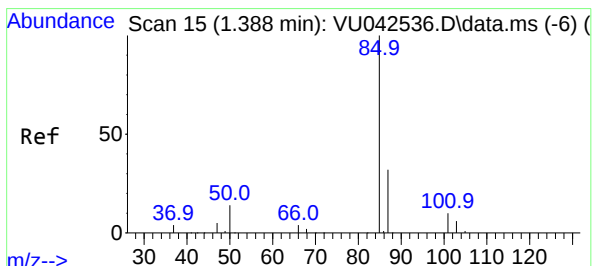
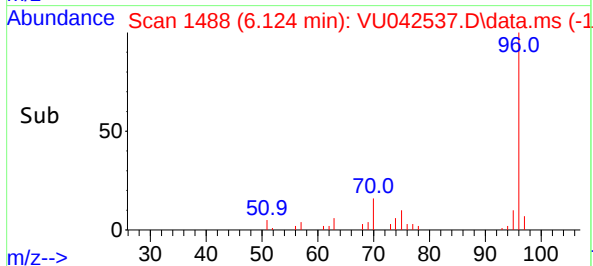
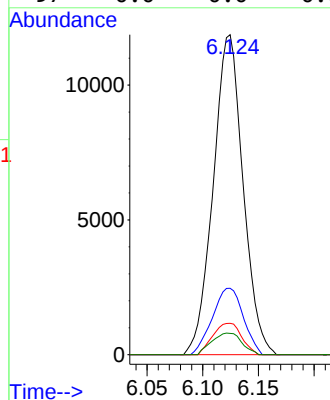
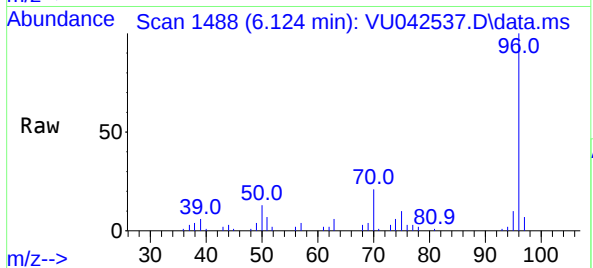
#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.124 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 96	Resp: 22103
Ion Ratio	Lower Upper
96 100	
70 21.5	16.3 24.5
95 0.0	7.0 10.4#
97 0.0	0.0 0.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

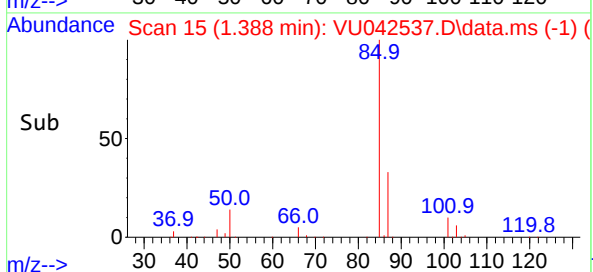
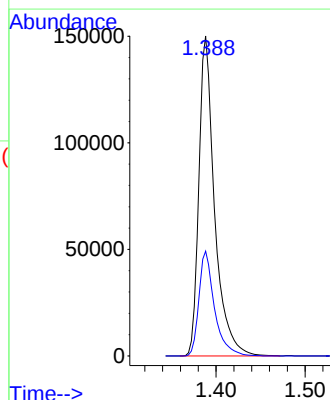
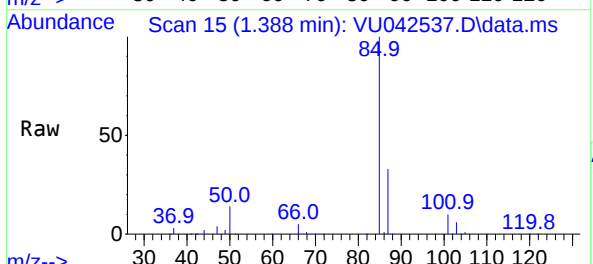
Manual Integrations
APPROVED

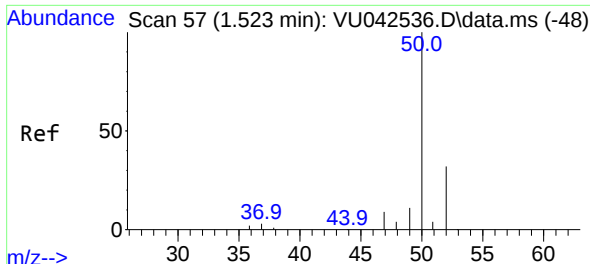
SAM
3/12/2021 5:18:44 PM



#2
Dichlorodifluoromethane
Concen: 21.04 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 85	Resp: 184163
Ion Ratio	Lower Upper
85 100	
87 32.7	16.2 48.6





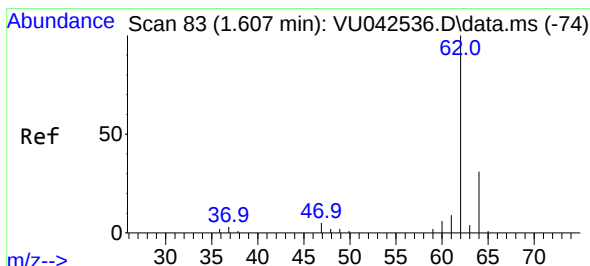
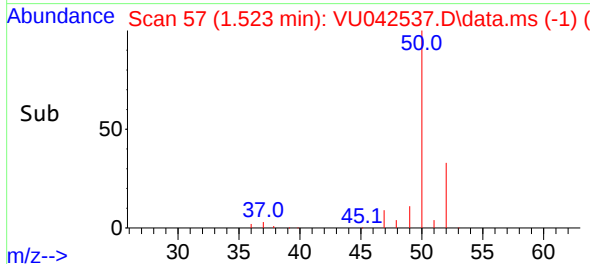
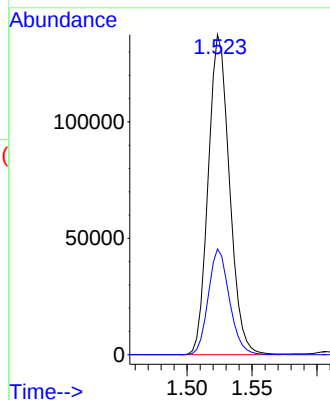
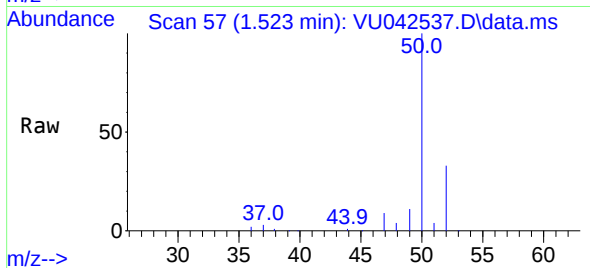
#3
Chloromethane
Concen: 19.62 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 50 Resp: 156491
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

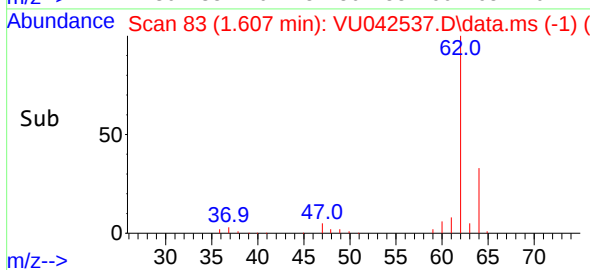
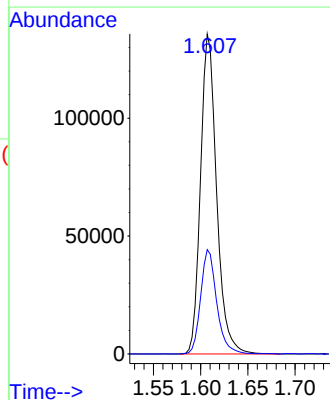
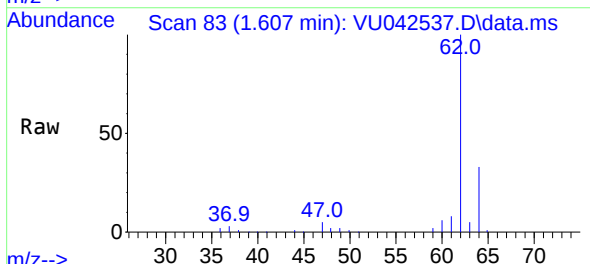
Manual Integrations
APPROVED

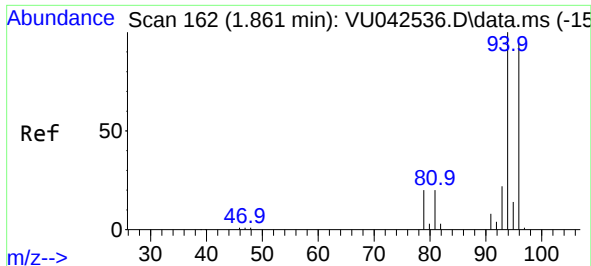
SAM
3/12/2021 5:18:44 PM



#4
Vinyl Chloride
Concen: 21.12 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 62 Resp: 160386
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6





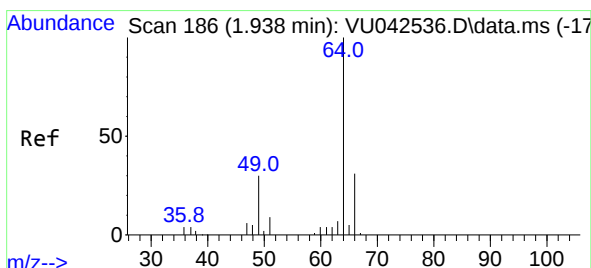
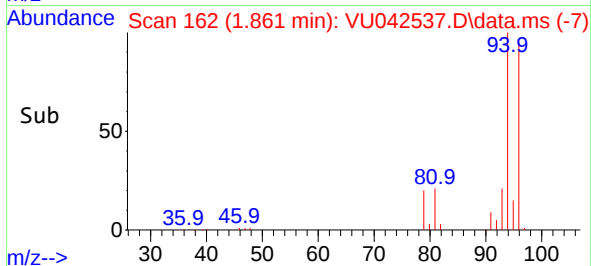
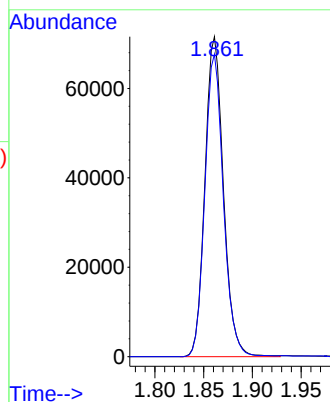
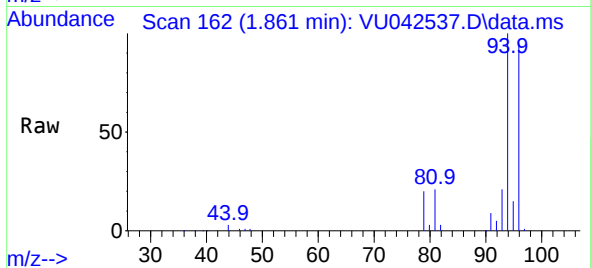
#5
Bromomethane
Concen: 23.92 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 94 Resp: 94488
Ion Ratio Lower Upper
94 100
96 94.6 75.3 112.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

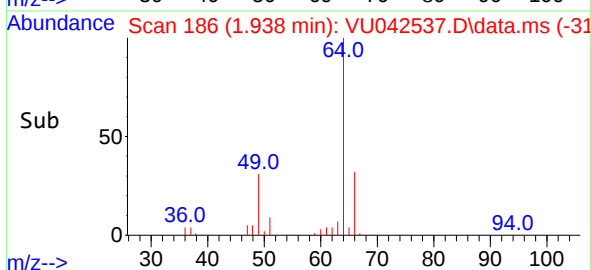
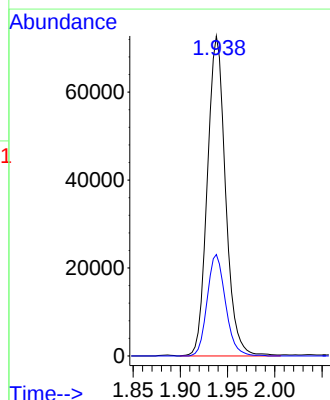
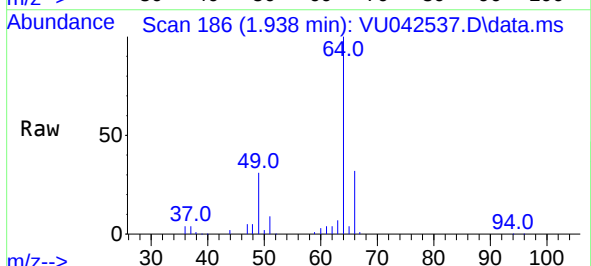
Manual Integrations
APPROVED

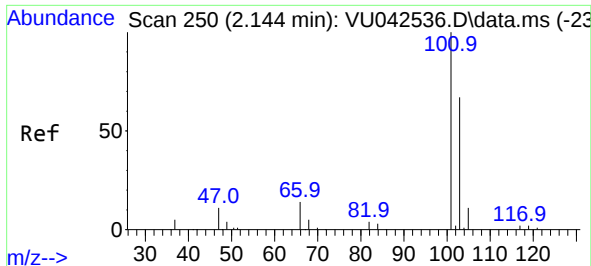
SAM
3/12/2021 5:18:44 PM



#6
Chloroethane
Concen: 22.57 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 64 Resp: 97559
Ion Ratio Lower Upper
64 100
66 31.7 24.9 37.3





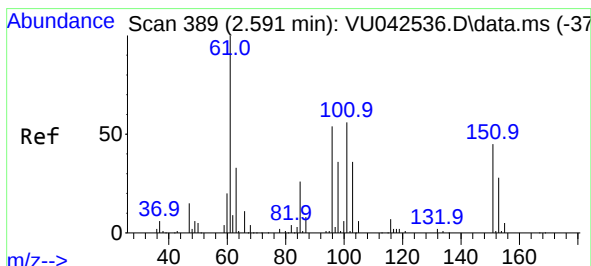
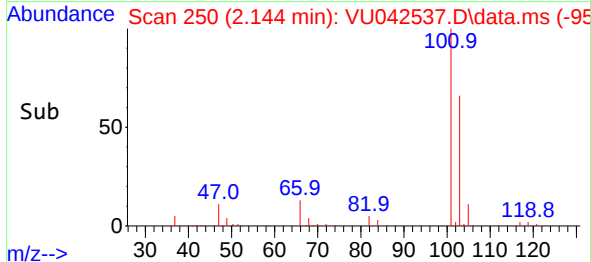
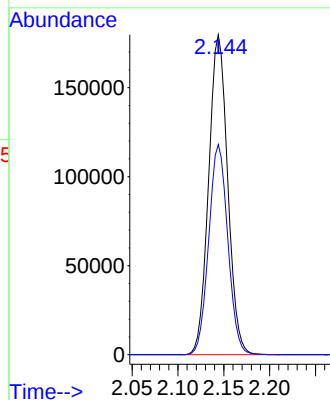
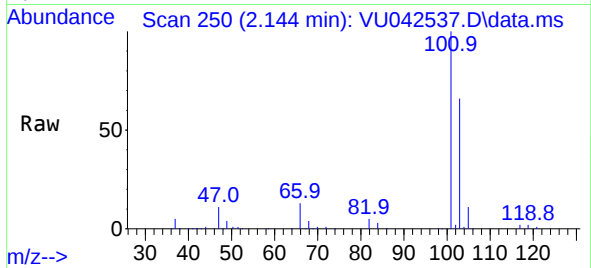
#7
Trichlorofluoromethane
Concen: 23.78 ug/l
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:101 Resp: 259717
Ion Ratio Lower Upper
101 100
103 65.7 53.3 79.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

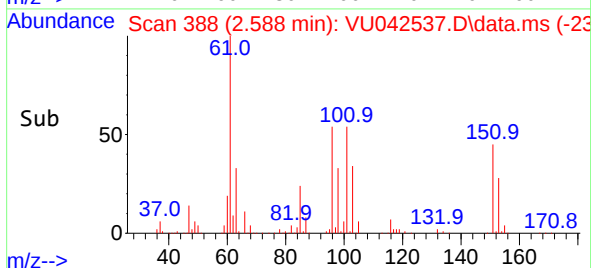
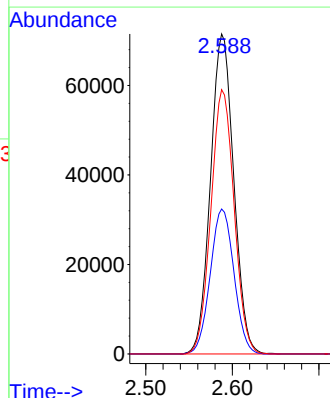
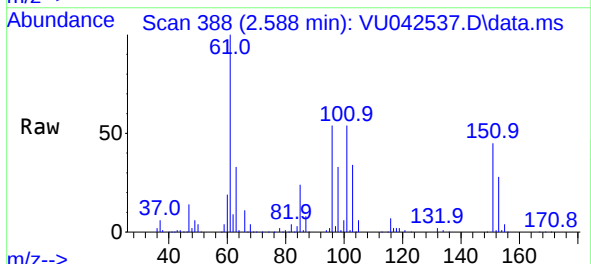
Manual Integrations
APPROVED

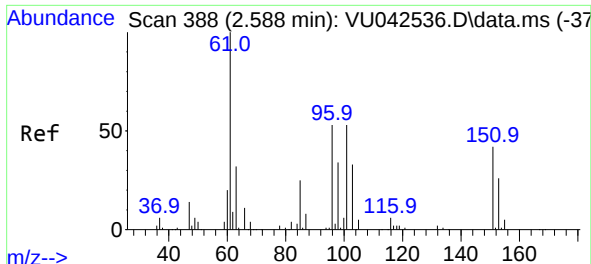
SAM
3/12/2021 5:18:44 PM



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.00 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:101 Resp: 133340
Ion Ratio Lower Upper
101 100
85 46.4 37.1 55.7
151 82.6 63.8 95.8





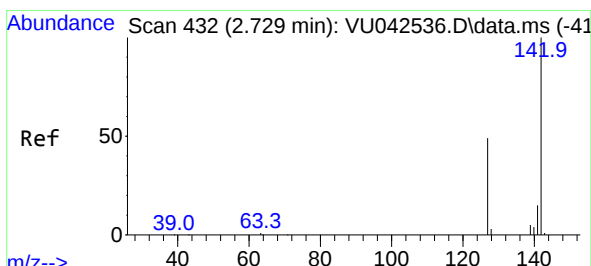
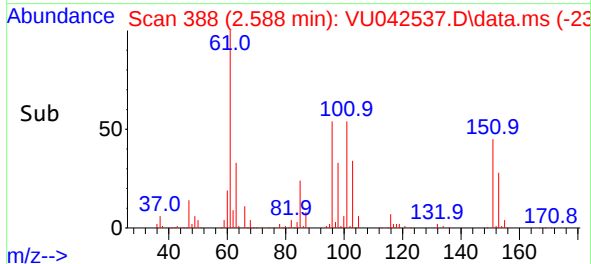
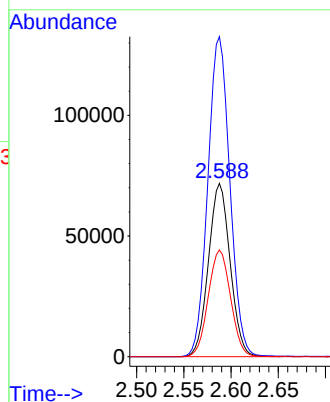
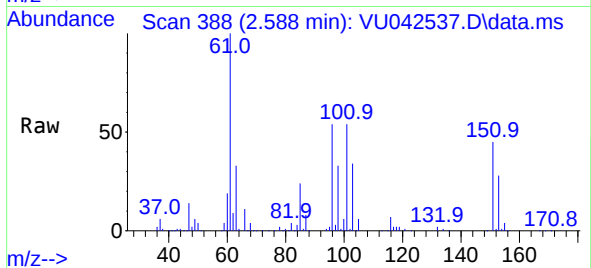
#9
1,1-Dichloroethene
Concen: 22.13 ug/l
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 96 Resp: 114684
Ion Ratio Lower Upper
96 100
61 184.6 0.0 563.7
98 61.5 0.0 128.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

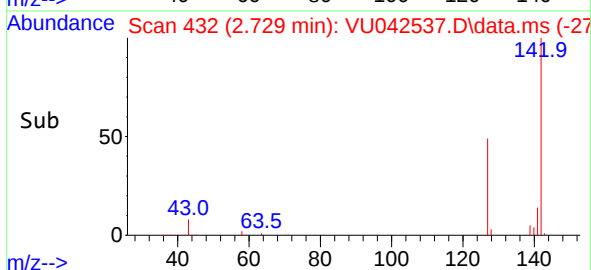
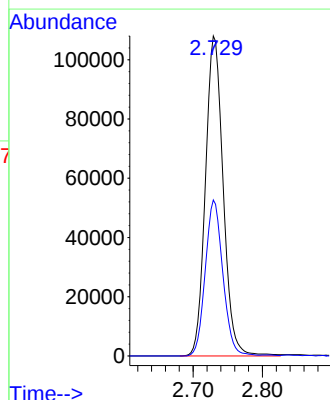
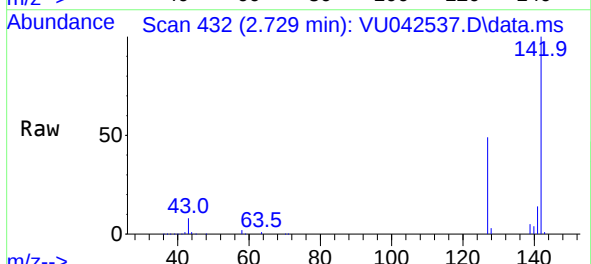
Manual Integrations
APPROVED

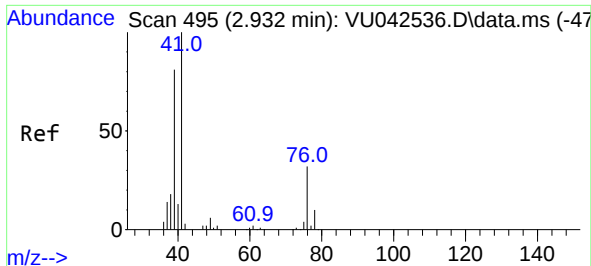
SAM
3/12/2021 5:18:44 PM



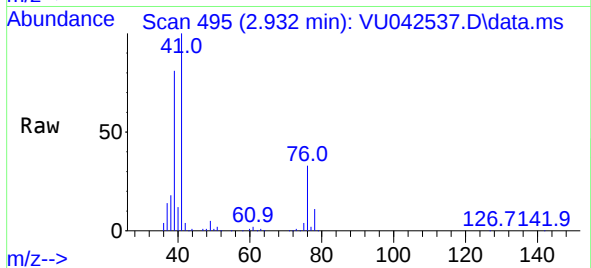
#10
Iodomethane
Concen: 25.03 ug/l
RT: 2.729 min Scan# 432
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 142 Resp: 192069
Ion Ratio Lower Upper
142 100
127 48.2 38.8 58.2

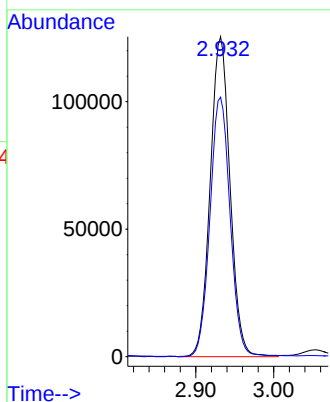
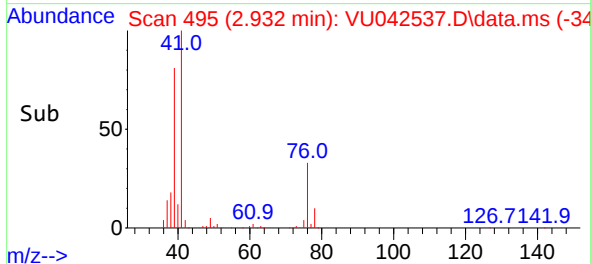




#11
Allyl Chloride
Concen: 21.17 ug/l
RT: 2.932 min Scan# 495
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



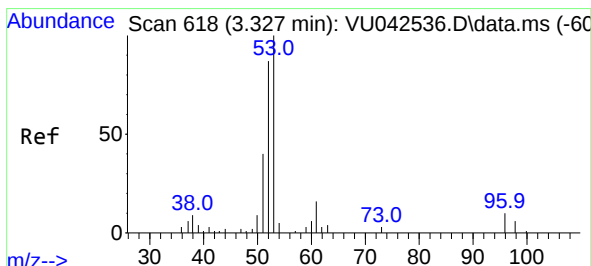
Tgt Ion: 41 Resp: 222170
Ion Ratio Lower Upper
41 100
39 82.6 65.9 98.9



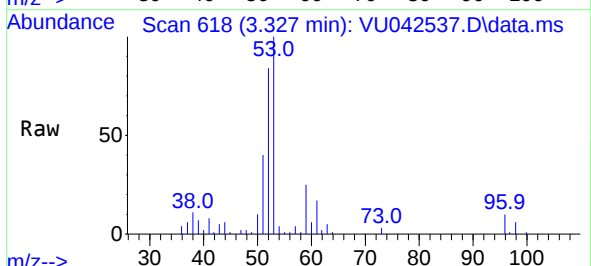
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

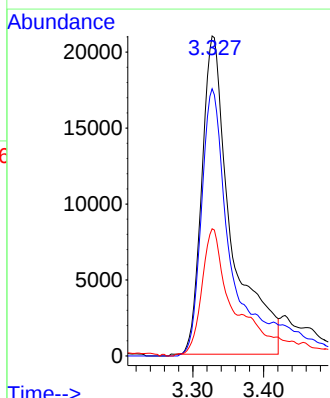
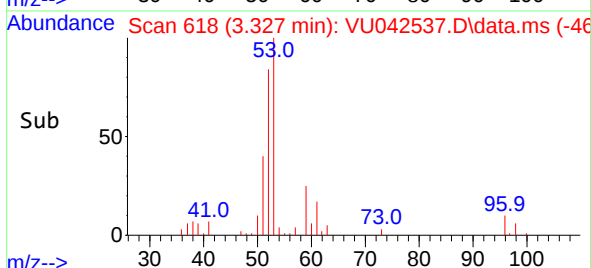
SAM
3/12/2021 5:18:44 PM

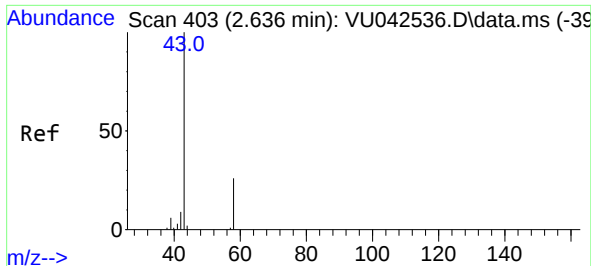


#12
Acrylonitrile
Concen: 47.42 ug/l
RT: 3.327 min Scan# 618
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

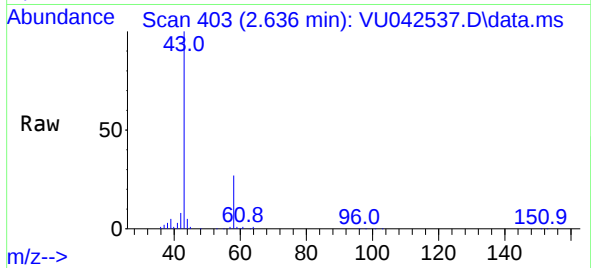


Tgt Ion: 53 Resp: 60754
Ion Ratio Lower Upper
53 100
52 78.7 68.6 102.8
51 32.8 41.4 62.0#

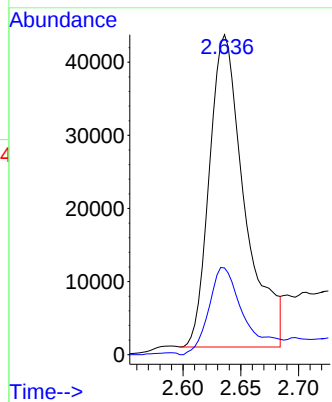
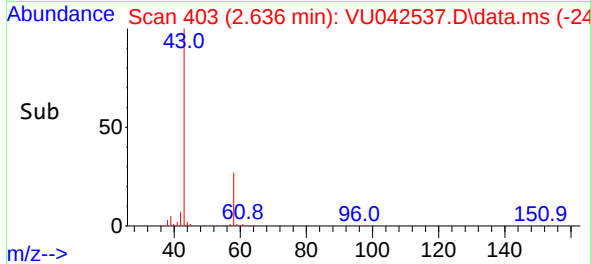




#13
Acetone
Concen: 105.84 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



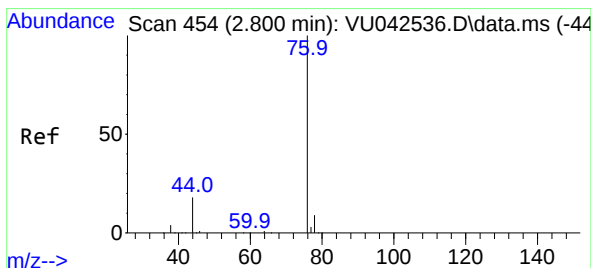
Tgt Ion: 43 Resp: 90765
Ion Ratio Lower Upper
43 100
58 27.8 21.0 31.4



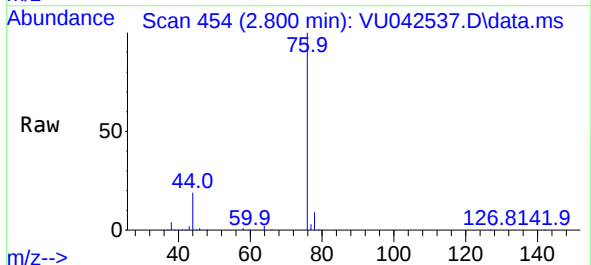
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

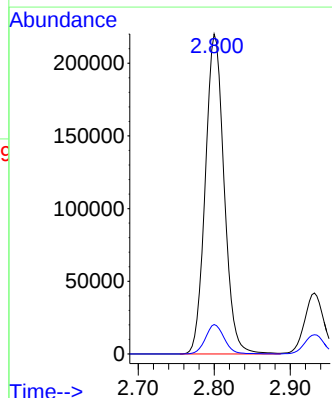
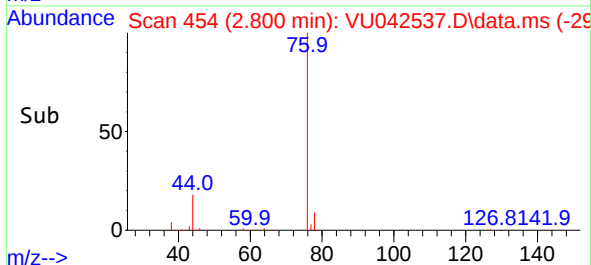
SAM
3/12/2021 5:18:44 PM

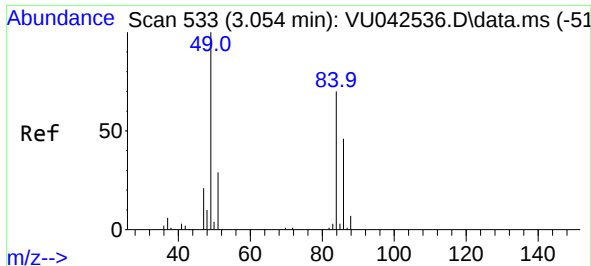


#14
Carbon Disulfide
Concen: 22.34 ug/l
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



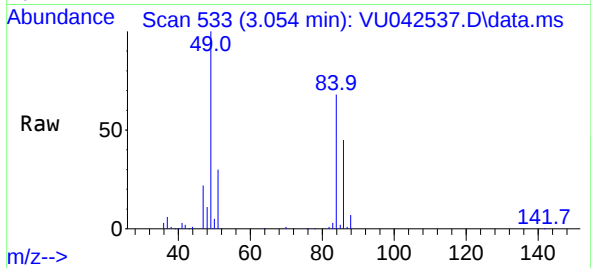
Tgt Ion: 76 Resp: 378072
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2





#15
Methylene Chloride
Concen: 19.33 ug/l
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

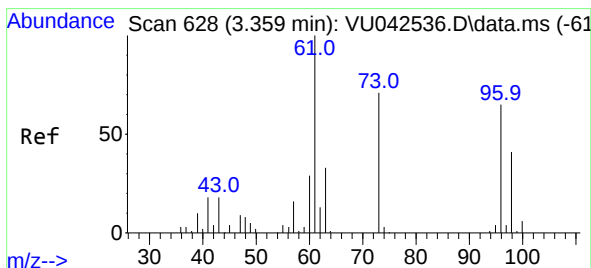
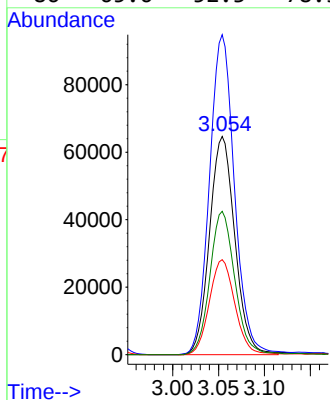


Tgt Ion: 84 Resp: 124571

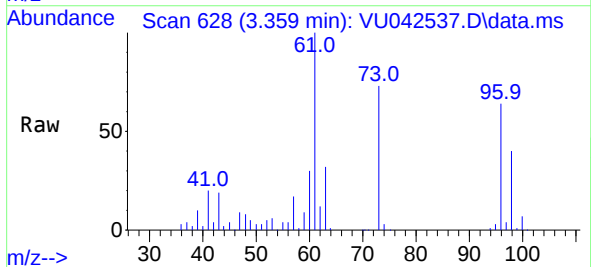
Ion	Ratio	Lower	Upper
84	100		
49	146.6	114.6	172.0
51	43.5	0.0	83.0
86	65.6	52.3	78.5

Manual Integrations
APPROVED

SAM
3/12/2021 5:18:44 PM

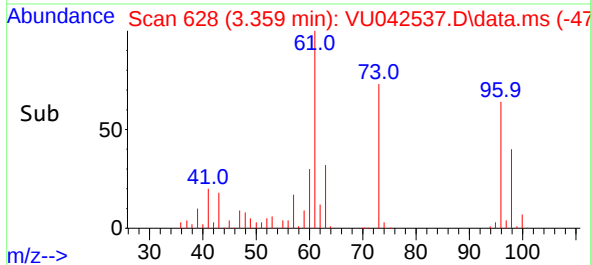
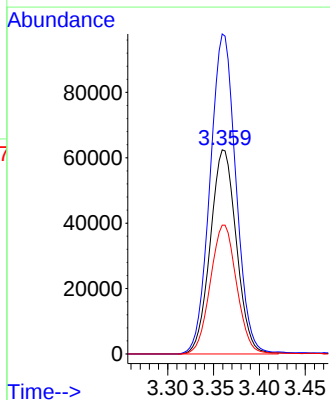


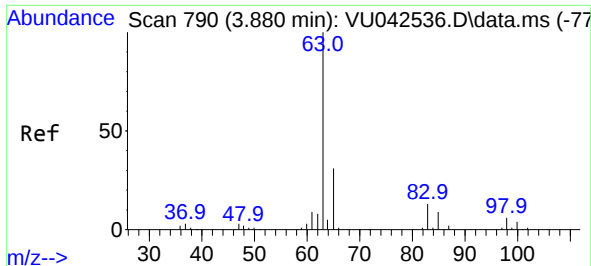
#16
trans-1,2-Dichloroethene
Concen: 22.20 ug/l
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



Tgt Ion: 96 Resp: 123579

Ion	Ratio	Lower	Upper
96	100		
61	156.7	123.8	185.8
98	63.1	50.4	75.6





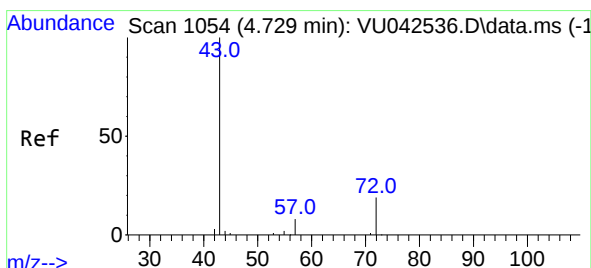
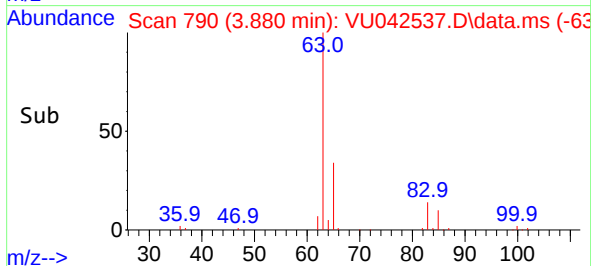
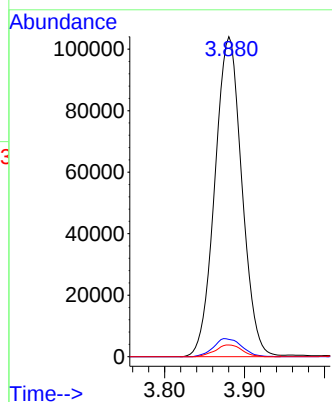
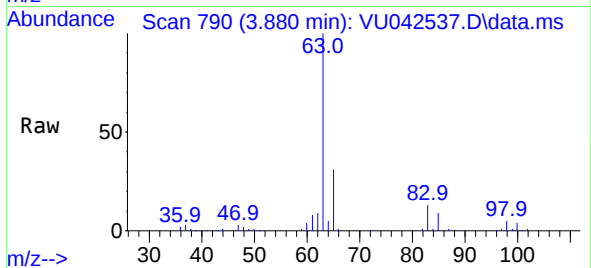
#17
1,1-Dichloroethane
Concen: 21.99 ug/l
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 63 Resp: 243749
Ion Ratio Lower Upper
63 100
98 5.4 2.9 8.6
100 3.6 1.8 5.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

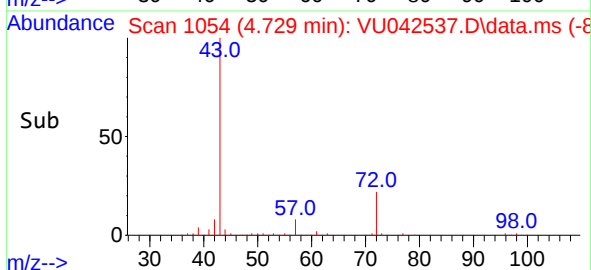
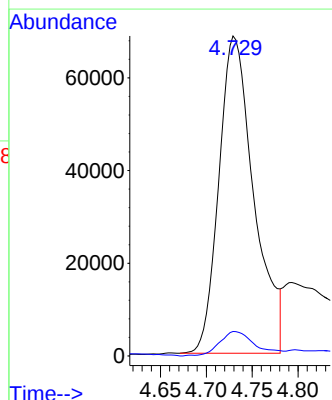
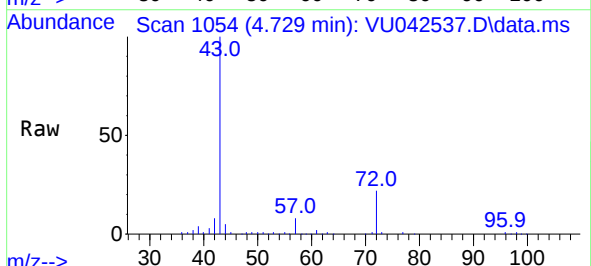
Manual Integrations
APPROVED

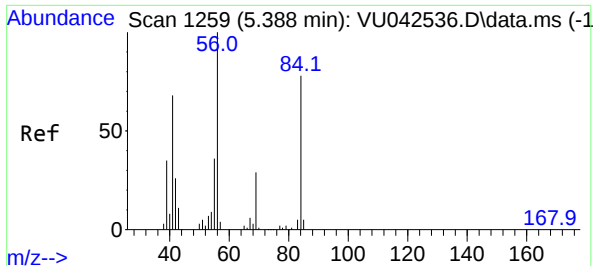
SAM
3/12/2021 5:18:44 PM



#18
2-Butanone
Concen: 106.41 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 43 Resp: 182463
Ion Ratio Lower Upper
43 100
57 7.7 0.0 15.8





#19

Cyclohexane

Concen: 20.88 ug/l m

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU042537.D

Acq: 09 Mar 2021 12:58

Tgt Ion: 56 Resp: 227605

Ion Ratio Lower Upper

56 100

69 29.2 23.8 35.6

84 77.9 62.7 94.1

Instrument :

MSVOA_U

ClientSampleId :

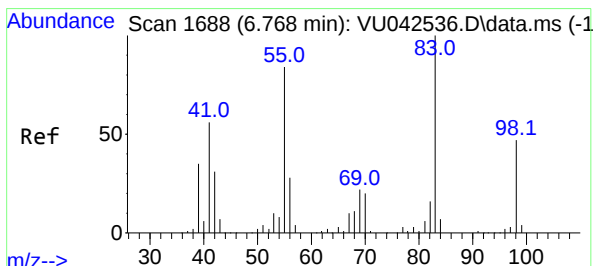
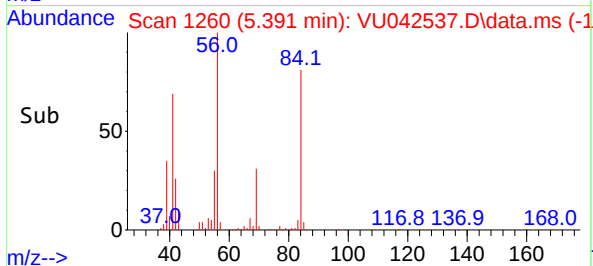
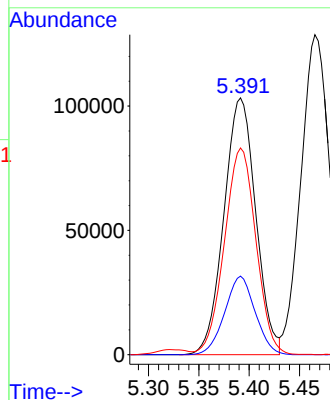
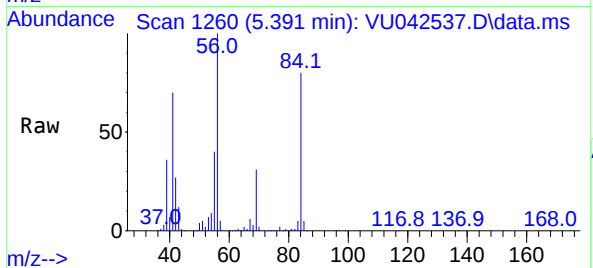
VSTDIC020

Manual Integrations

APPROVED

SAM

3/12/2021 5:18:44 PM



#20

Methylcyclohexane

Concen: 20.31 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU042537.D

Acq: 09 Mar 2021 12:58

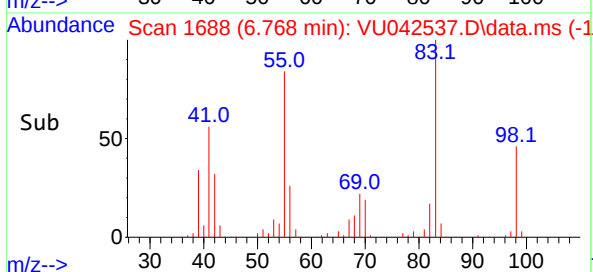
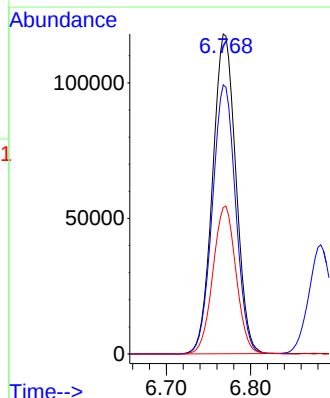
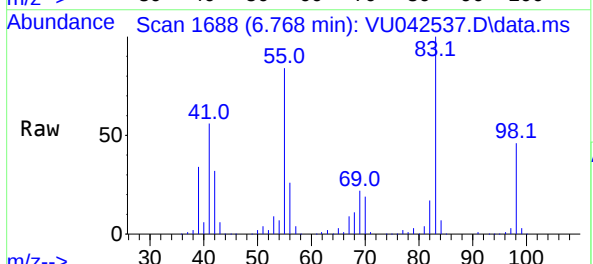
Tgt Ion: 83 Resp: 226255

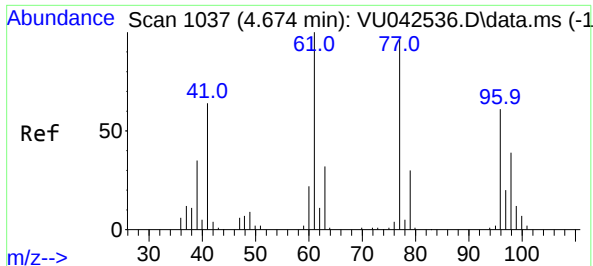
Ion Ratio Lower Upper

83 100

55 84.1 67.5 101.3

98 46.1 37.6 56.4





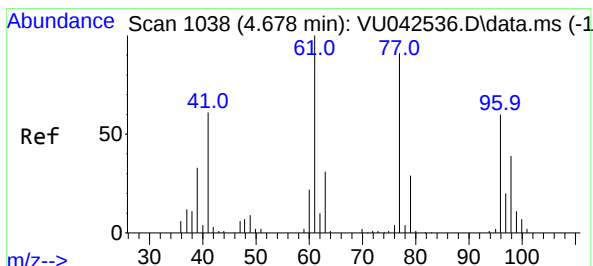
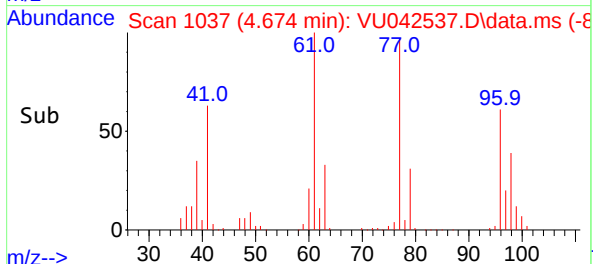
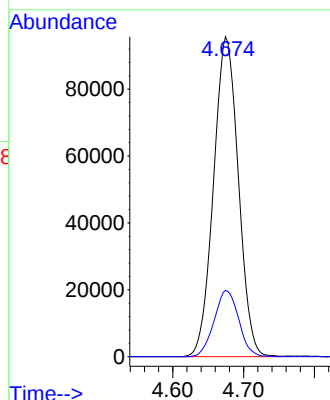
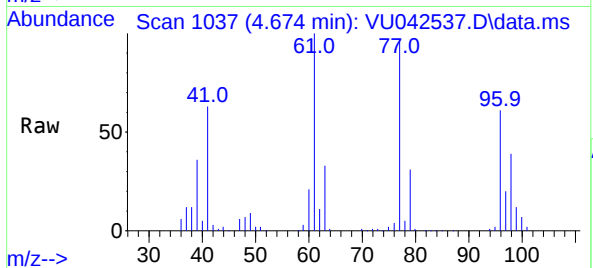
#21
2,2-Dichloropropane
Concen: 21.98 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 77 Resp: 232455
Ion Ratio Lower Upper
77 100
97 20.5 17.1 25.7

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

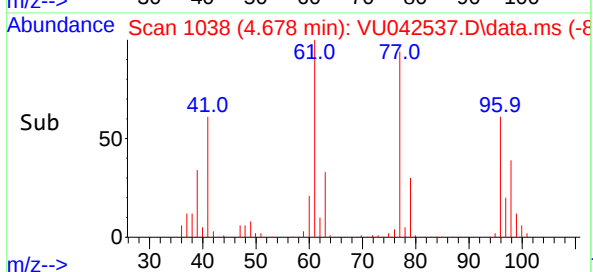
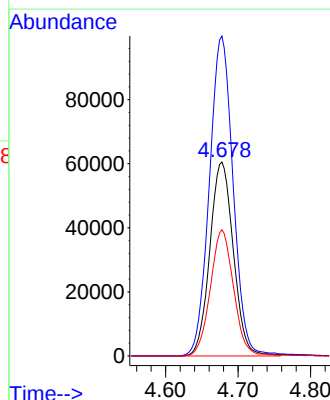
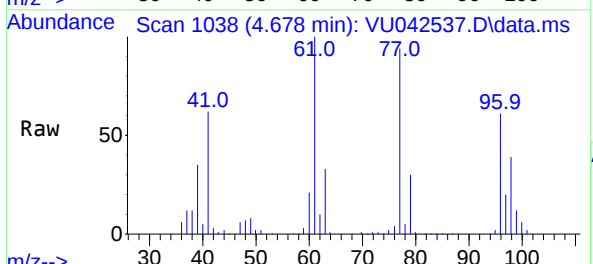
Manual Integrations
APPROVED

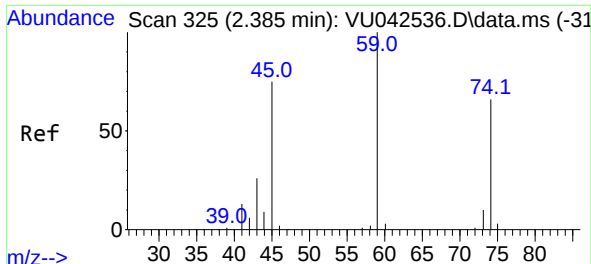
SAM
3/12/2021 5:18:44 PM



#22
cis-1,2-Dichloroethene
Concen: 22.08 ug/l
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 96 Resp: 136674
Ion Ratio Lower Upper
96 100
61 166.9 0.0 422.0
98 64.1 33.1 99.5





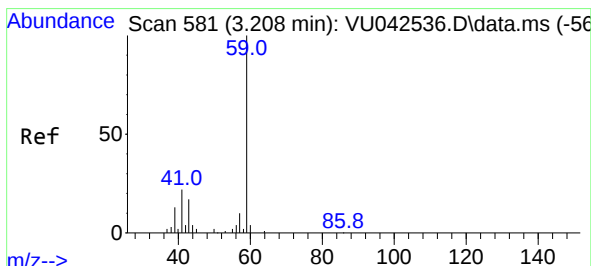
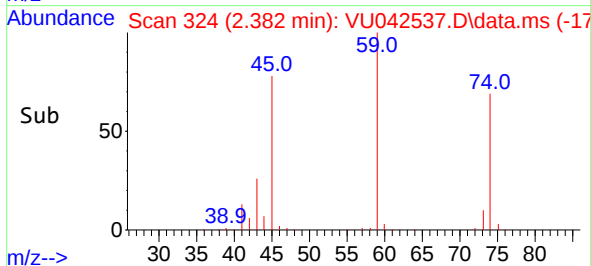
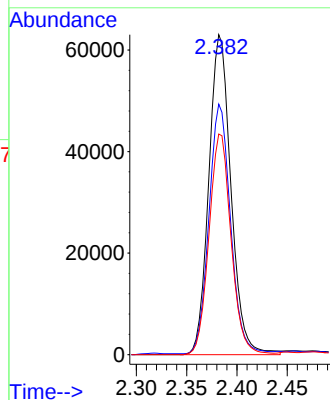
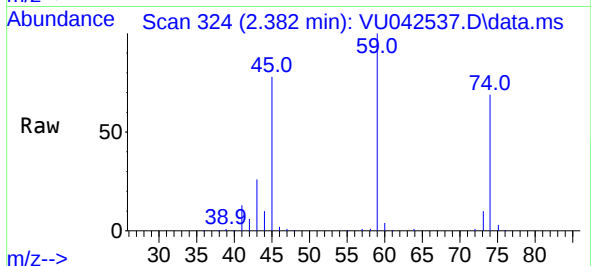
#23
Diethyl Ether
Concen: 22.79 ug/l
RT: 2.382 min Scan# 324
Delta R.T. -0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 59 Resp: 96583
Ion Ratio Lower Upper
59 100
45 75.9 63.3 94.9
74 68.6 54.6 82.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

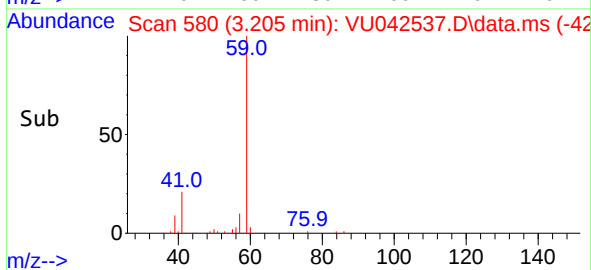
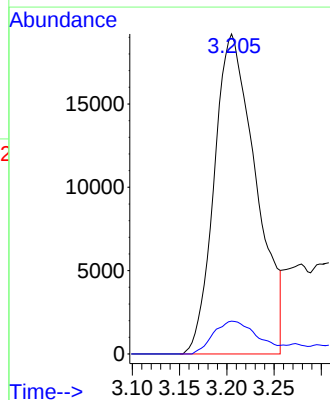
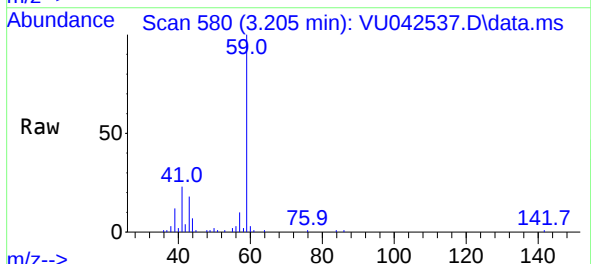
Manual Integrations
APPROVED

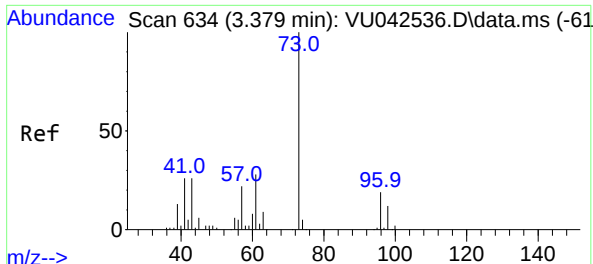
SAM
3/12/2021 5:18:44 PM



#24
tert-Butyl Alcohol
Concen: 188.61 ug/l
RT: 3.205 min Scan# 580
Delta R.T. -0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 59 Resp: 58860
Ion Ratio Lower Upper
59 100
57 10.8 4.8 7.2#





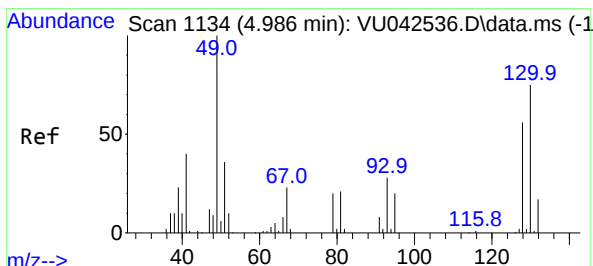
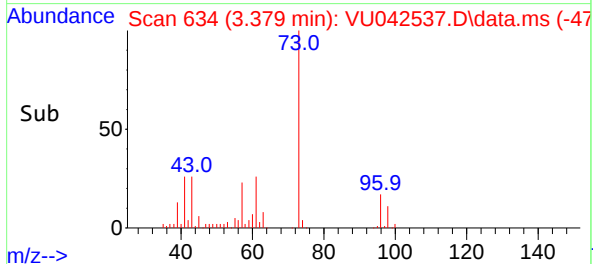
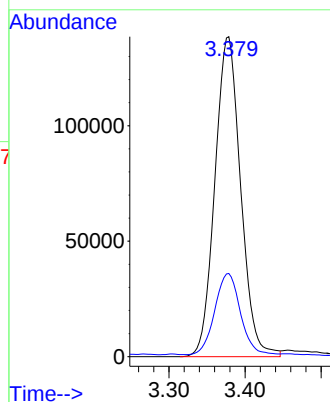
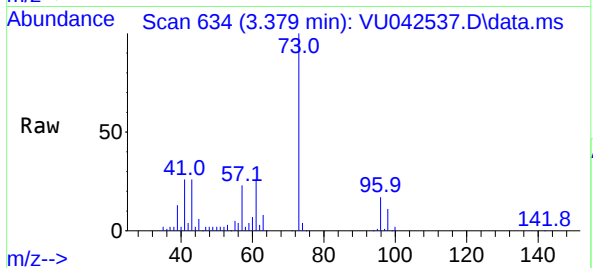
#25
Methyl tert-Butyl Ether
Concen: 21.34 ug/l
RT: 3.379 min Scan# 634
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 73 Resp: 326250
Ion Ratio Lower Upper
73 100
43 24.9 20.5 30.7

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

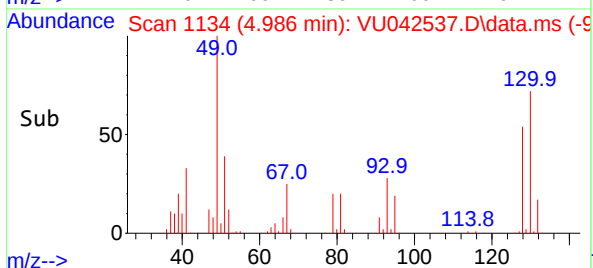
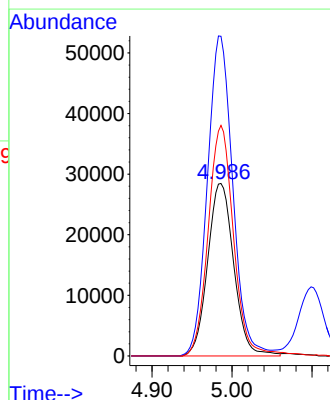
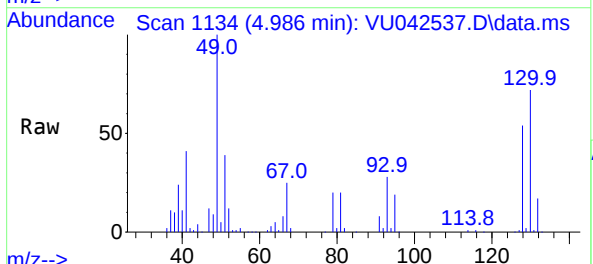
Manual Integrations
APPROVED

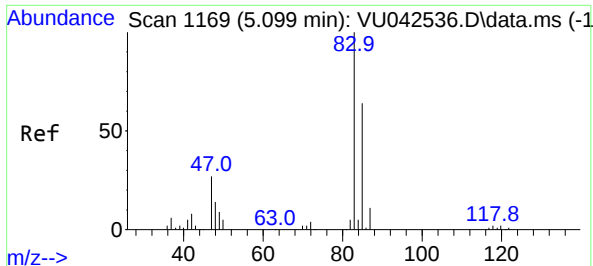
SAM
3/12/2021 5:18:44 PM



#26
Bromochloromethane
Concen: 22.87 ug/l
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 128 Resp: 64543
Ion Ratio Lower Upper
128 100
49 179.9 0.0 364.4
130 130.4 105.0 157.4





#27

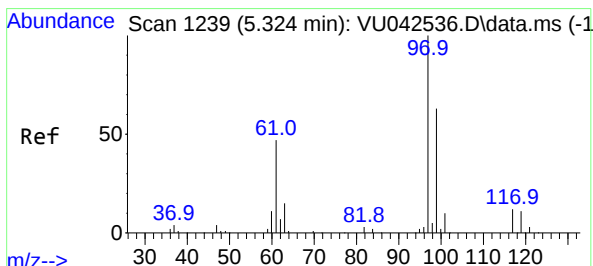
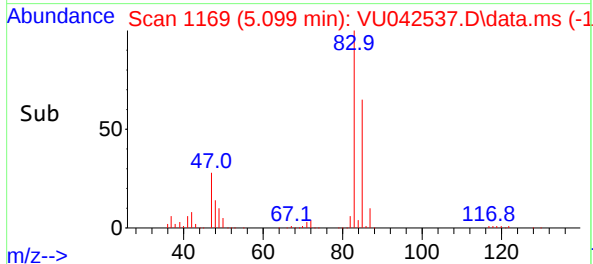
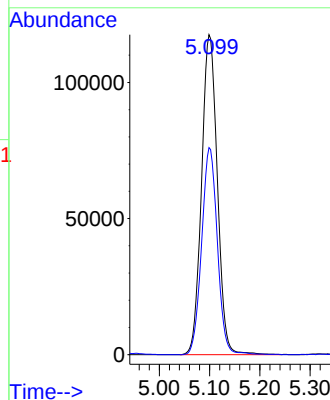
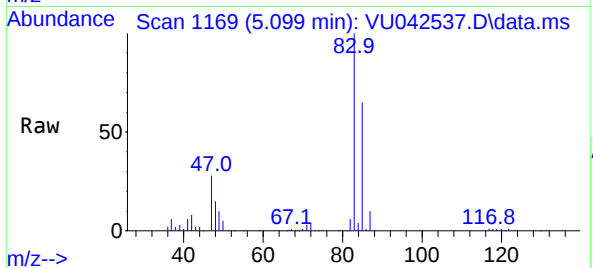
Chloroform
Concen: 23.14 ug/l
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 83 Resp: 256512
Ion Ratio Lower Upper
83 100
85 64.7 0.0 128.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

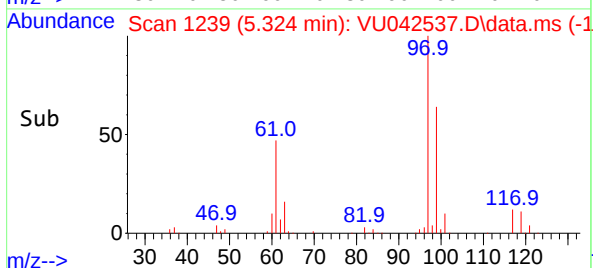
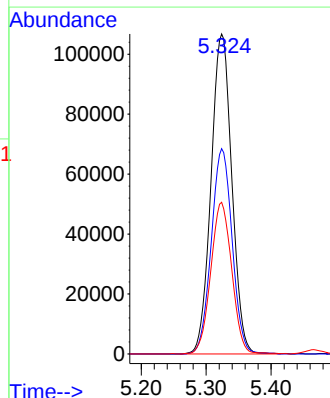
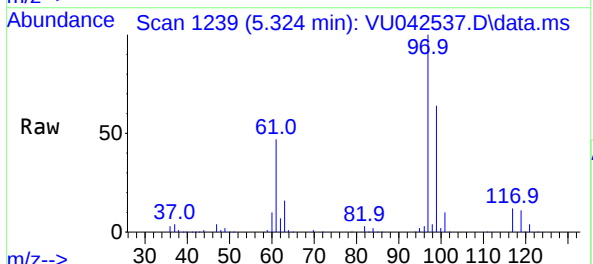
SAM
3/12/2021 5:18:44 PM

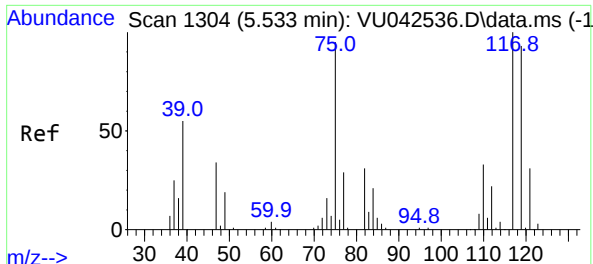


#28

1,1,1-Trichloroethane
Concen: 22.99 ug/l
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 97 Resp: 236978
Ion Ratio Lower Upper
97 100
99 64.5 31.7 95.1
61 48.0 23.8 71.2





#29

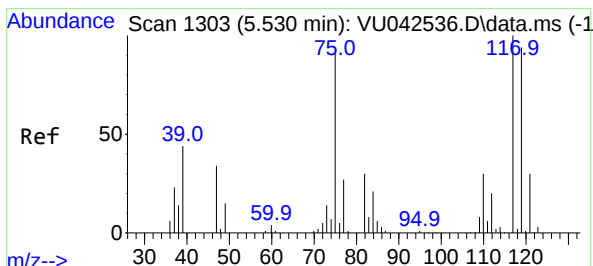
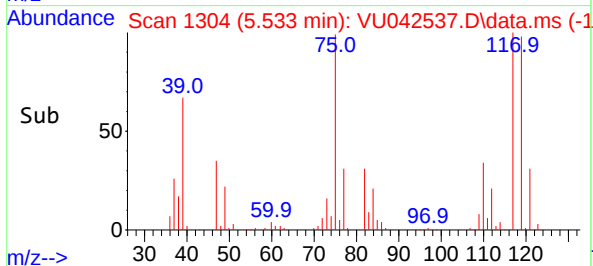
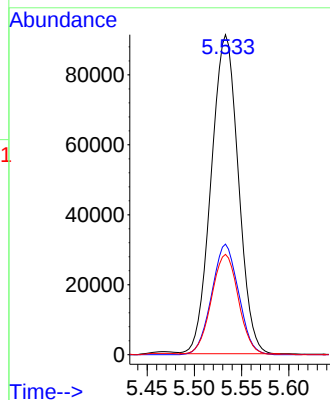
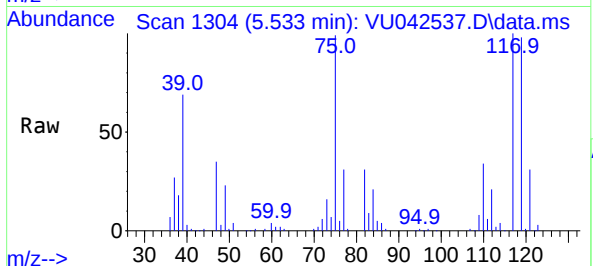
1,1-Dichloropropene
Concen: 19.89 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 75 Resp: 182068
Ion Ratio Lower Upper
75 100
110 34.4 17.3 52.0
77 31.1 25.0 37.6

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

Manual Integrations
APPROVED

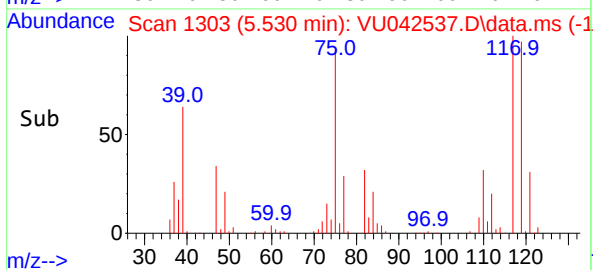
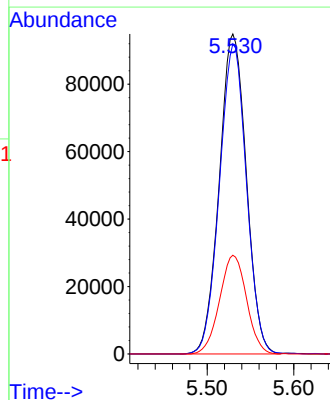
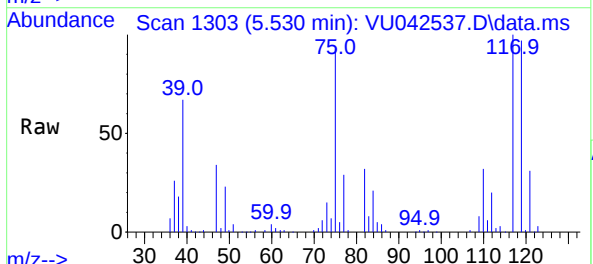
SAM
3/12/2021 5:18:44 PM

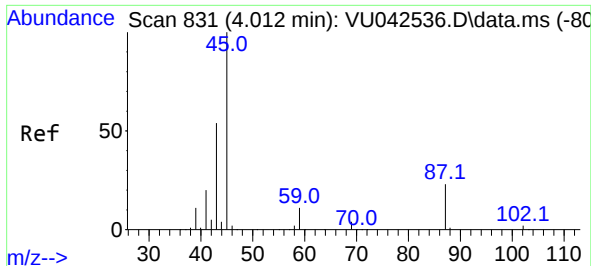


#30

Carbon Tetrachloride
Concen: 21.66 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 117 Resp: 205566
Ion Ratio Lower Upper
117 100
119 96.9 75.0 112.6
121 30.8 24.2 36.4





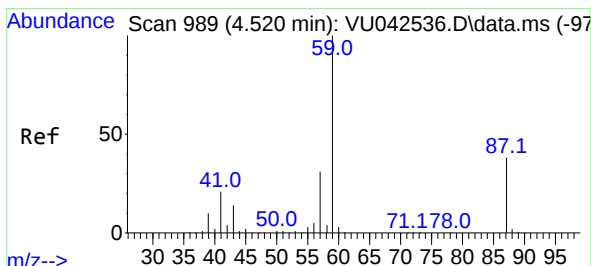
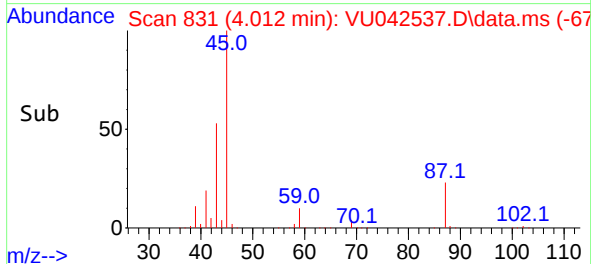
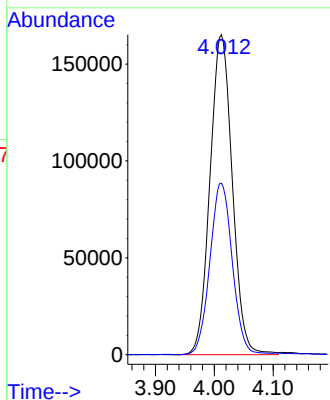
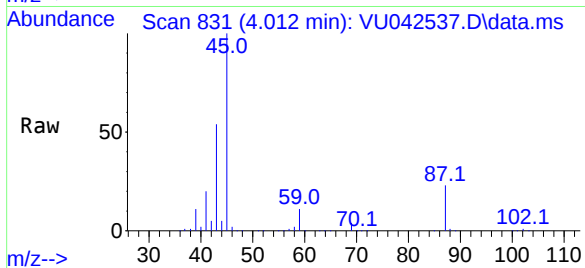
#31
Isopropyl Ether
Concen: 21.20 ug/l
RT: 4.012 min Scan# 831
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 45 Resp: 435229
Ion Ratio Lower Upper
45 100
43 53.9 27.0 81.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

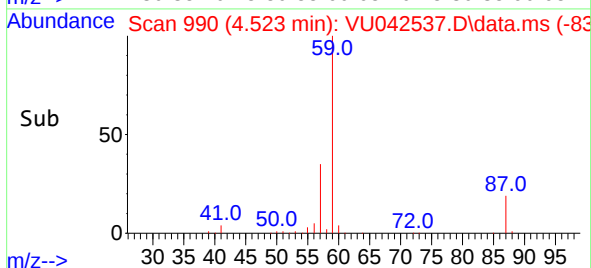
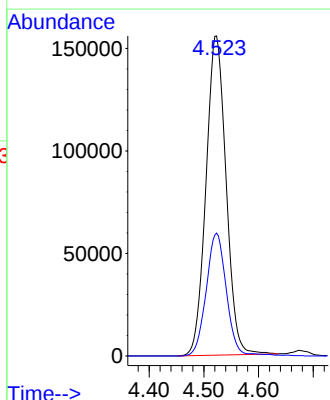
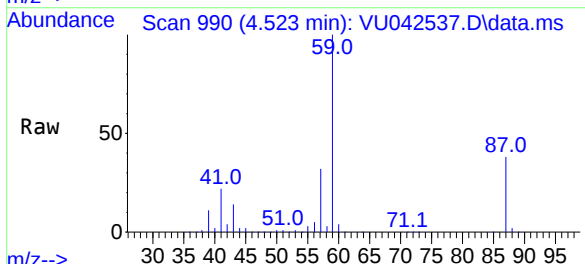
Manual Integrations
APPROVED

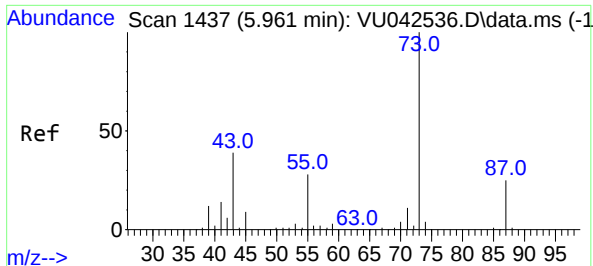
SAM
3/12/2021 5:18:44 PM



#32
Ethyl-t-butyl ether
Concen: 21.61 ug/l
RT: 4.523 min Scan# 990
Delta R.T. 0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

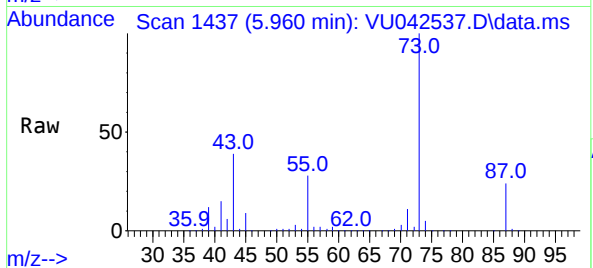
Tgt Ion: 59 Resp: 397150
Ion Ratio Lower Upper
59 100
87 38.3 30.9 46.3





#33
Tert-Amyl methyl ether
Concen: 20.11 ug/l
RT: 5.960 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

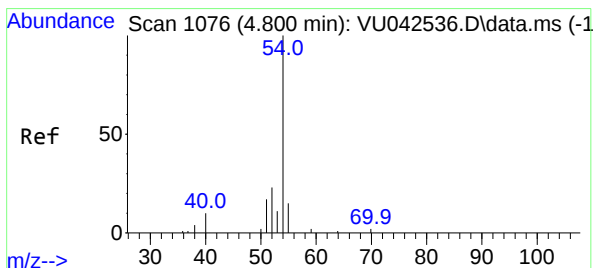
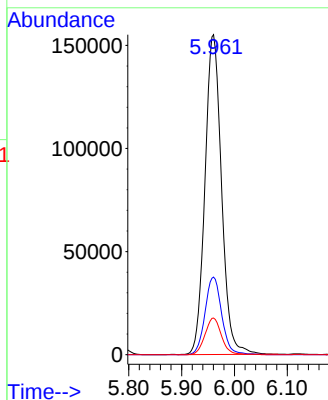
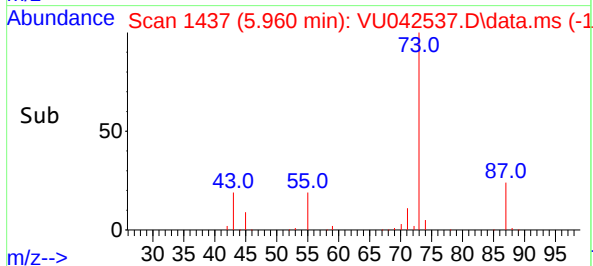
Instrument :
MSVOA_U
ClientSampled :
VSTDIC020



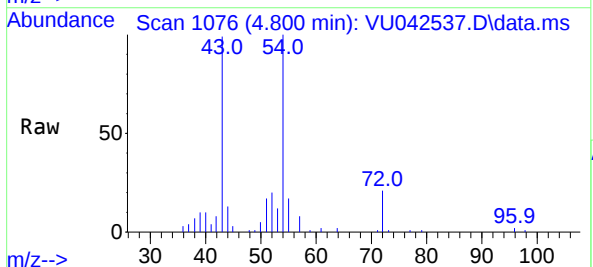
Tgt Ion: 73 Resp: 338121
Ion Ratio Lower Upper
73 100
87 24.5 19.8 29.6
71 11.1 9.0 13.4

Manual Integrations
APPROVED

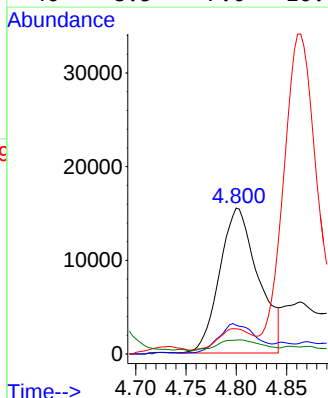
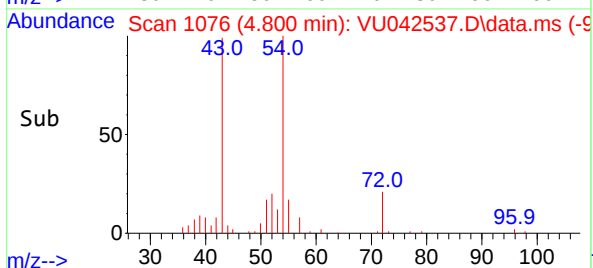
SAM
3/12/2021 5:18:44 PM

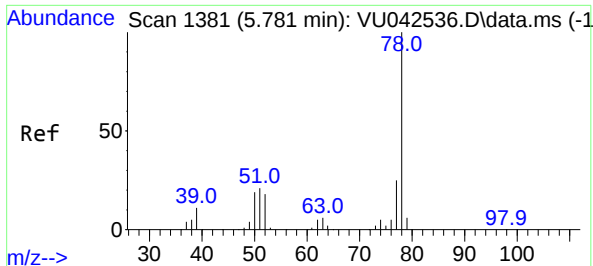


#34
Propionitrile
Concen: 96.23 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



Tgt Ion: 54 Resp: 41348
Ion Ratio Lower Upper
54 100
52 18.9 16.8 25.2
55 12.2 9.0 13.4
40 8.5 7.0 10.4





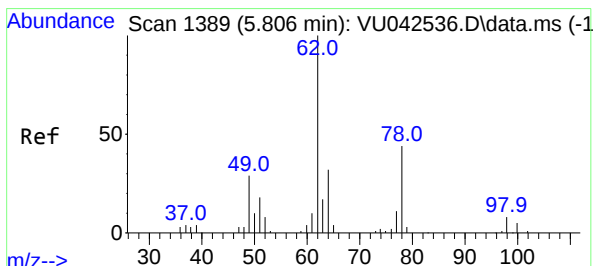
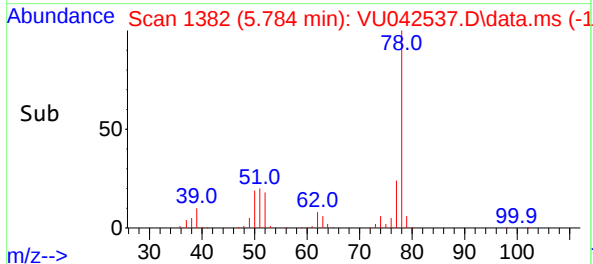
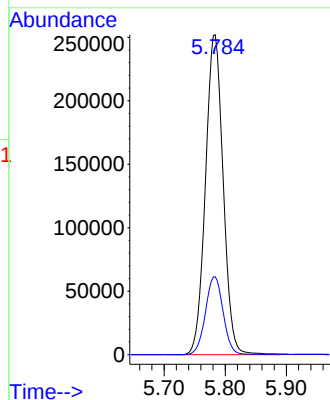
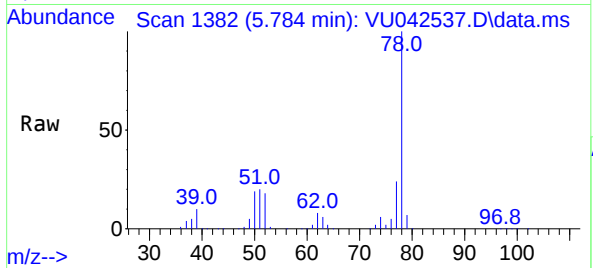
#35
Benzene
Concen: 20.62 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 78 Resp: 506696
Ion Ratio Lower Upper
78 100
77 24.4 20.2 30.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

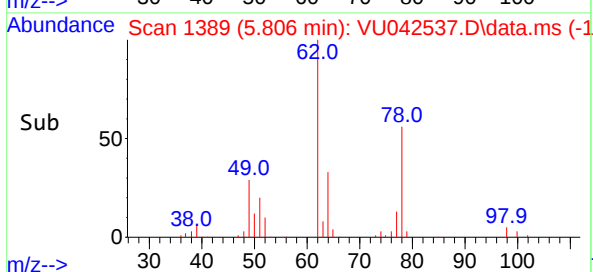
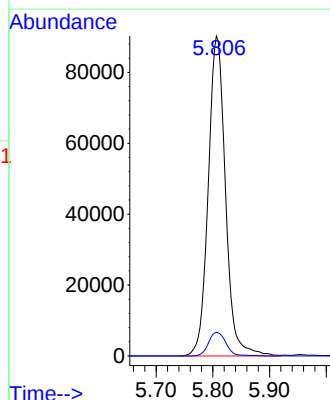
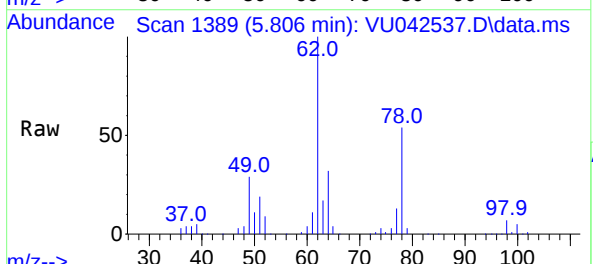
Manual Integrations
APPROVED

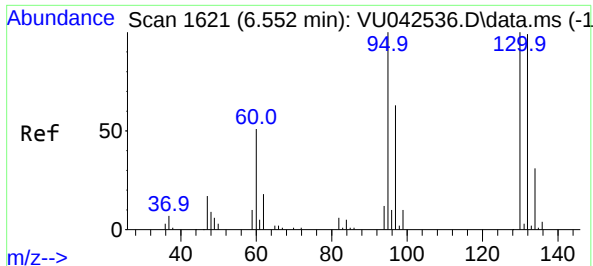
SAM
3/12/2021 5:18:44 PM



#36
1,2-Dichloroethane
Concen: 21.37 ug/l
RT: 5.806 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 62 Resp: 191228
Ion Ratio Lower Upper
62 100
98 7.4 5.5 8.3





#37

Trichloroethene

Concen: 21.06 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU042537.D

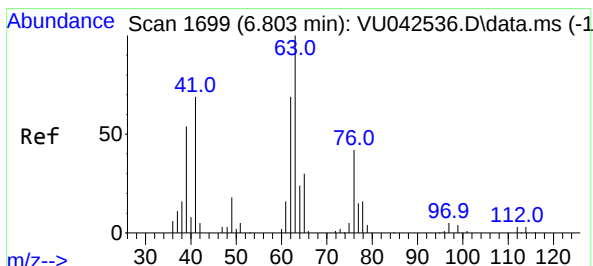
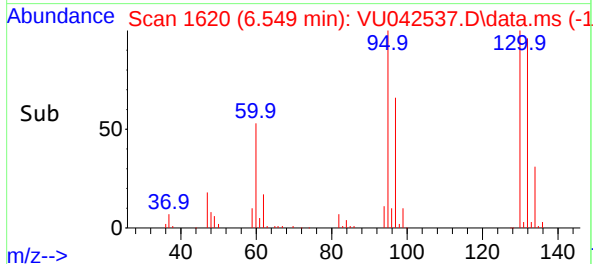
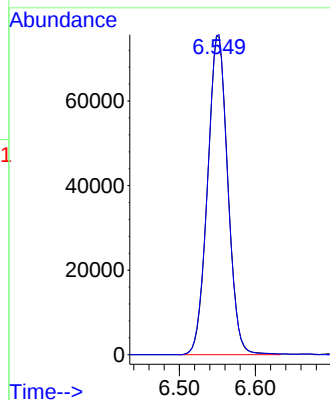
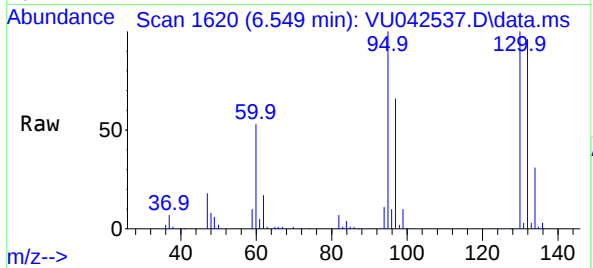
Acq: 09 Mar 2021 12:58

Tgt Ion:130 Resp: 139411

Ion Ratio Lower Upper

130 100

95 100.0 80.2 120.2



#38

1,2-Dichloropropane

Concen: 21.10 ug/l

RT: 6.803 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU042537.D

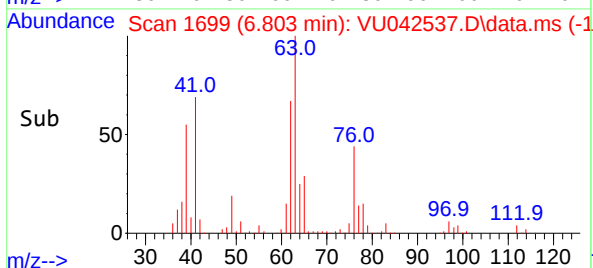
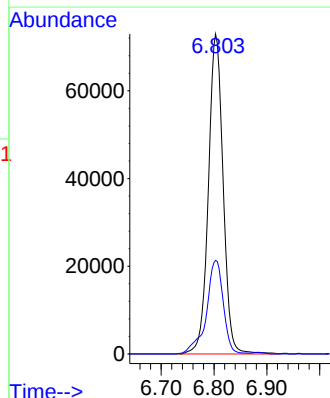
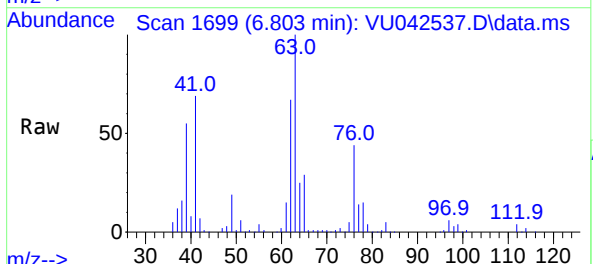
Acq: 09 Mar 2021 12:58

Tgt Ion: 63 Resp: 141387

Ion Ratio Lower Upper

63 100

65 29.2 24.5 36.7



Instrument :

MSVOA_U

ClientSampleId :

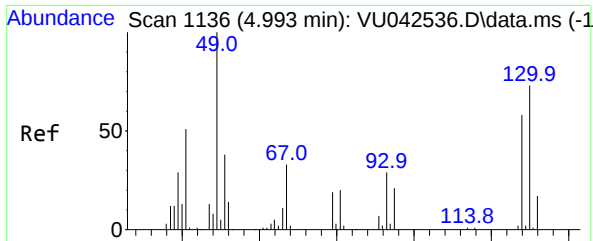
VSTDIC020

Manual Integrations

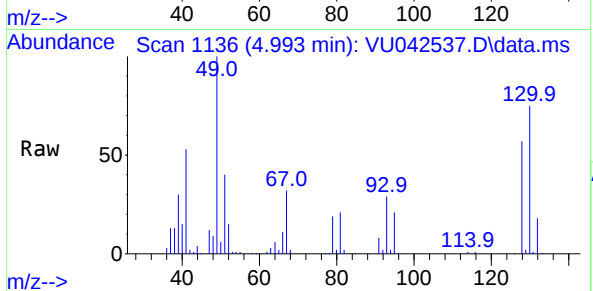
APPROVED

SAM

3/12/2021 5:18:44 PM

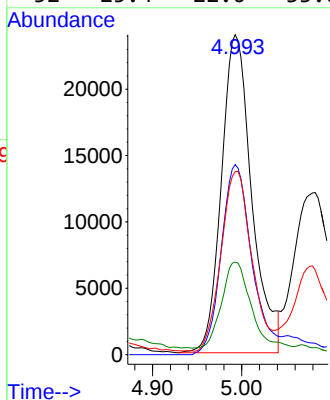


#39
Methacrylonitrile
Concen: 22.03 ug/l
RT: 4.993 min Scan# 1136
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



Tgt Ion: 41 Resp: 56742

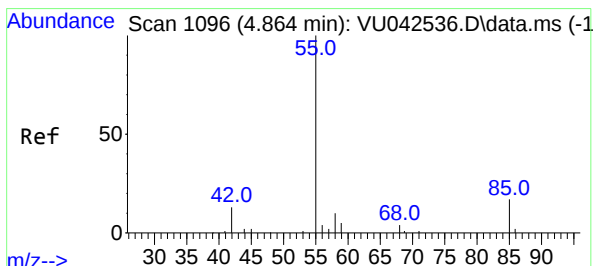
Ion	Ratio	Lower	Upper
41	100		
67	60.5	48.2	72.2
39	56.6	45.5	68.3
52	25.4	22.0	33.0



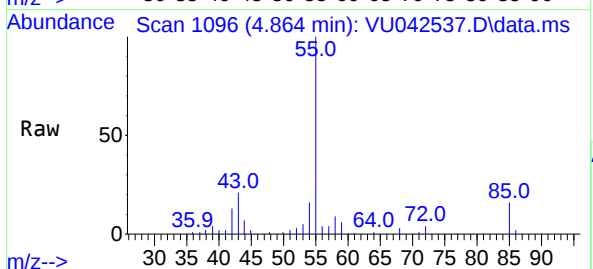
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

SAM
3/12/2021 5:18:44 PM

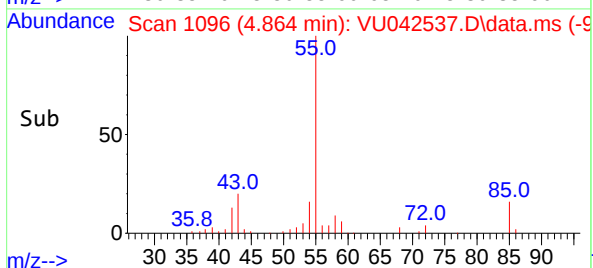
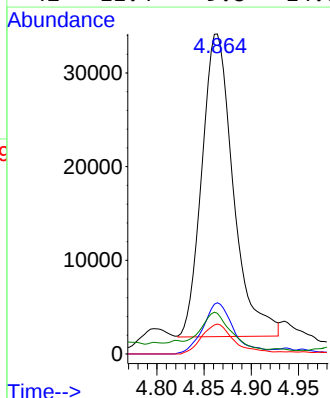


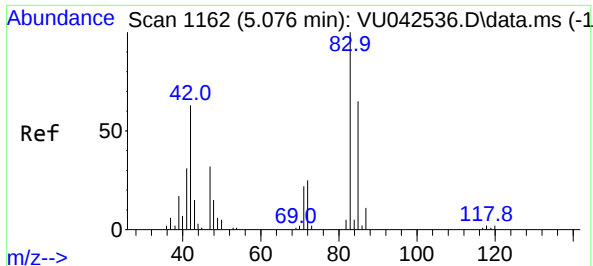
#40
Methyl acrylate
Concen: 21.47 ug/l
RT: 4.864 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



Tgt Ion: 55 Resp: 74581

Ion	Ratio	Lower	Upper
55	100		
85	16.7	11.9	17.9
58	10.3	6.7	10.1#
42	11.4	9.8	14.6





#41

Tetrahydrofuran

Concen: 46.56 ug/l

RT: 5.080 min Scan# 1163

Delta R.T. 0.003 min

Lab File: VU042537.D

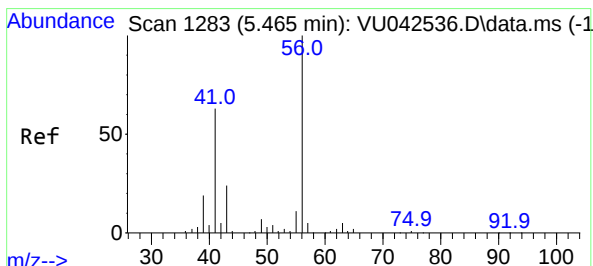
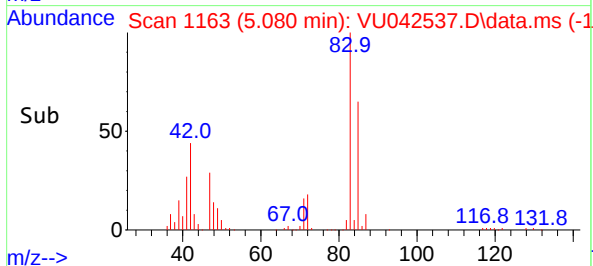
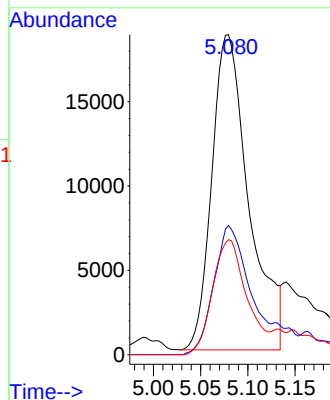
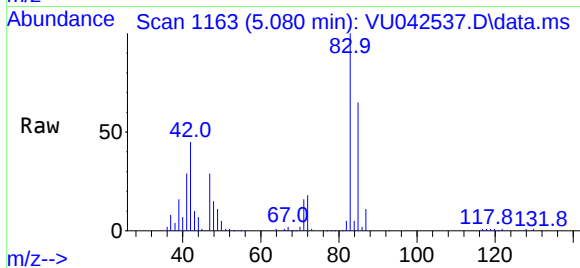
Acq: 09 Mar 2021 12:58

Tgt Ion:	42	Resp:	51030
Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.2	52.8
71	33.7	28.6	42.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

SAM
3/12/2021 5:18:44 PM



#42

1-Chlorobutane

Concen: 19.33 ug/l

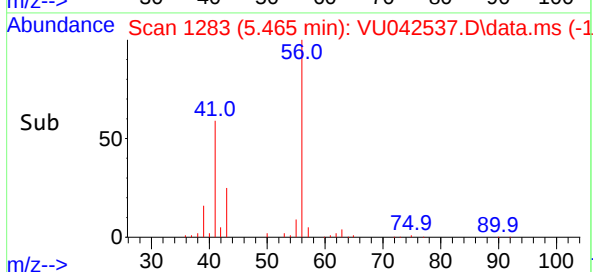
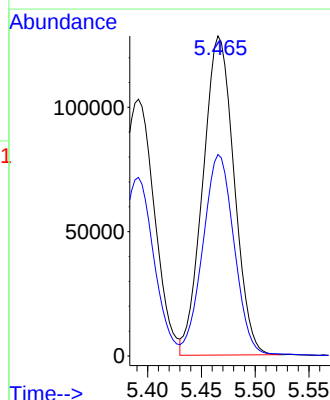
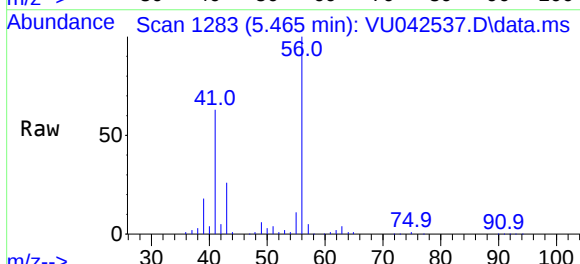
RT: 5.465 min Scan# 1283

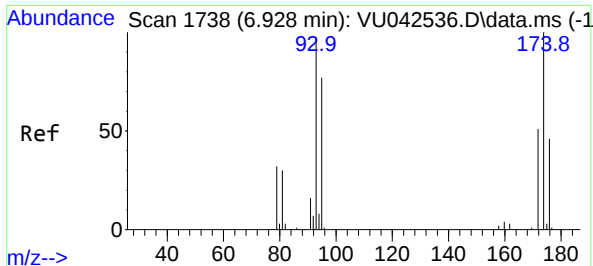
Delta R.T. -0.000 min

Lab File: VU042537.D

Acq: 09 Mar 2021 12:58

Tgt Ion:	56	Resp:	258867
Ion	Ratio	Lower	Upper
56	100		
41	63.6	31.1	93.3





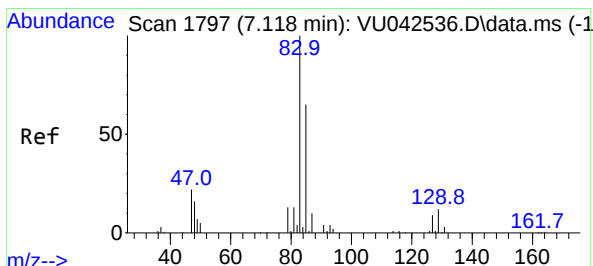
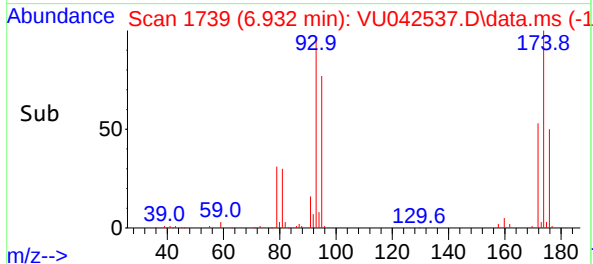
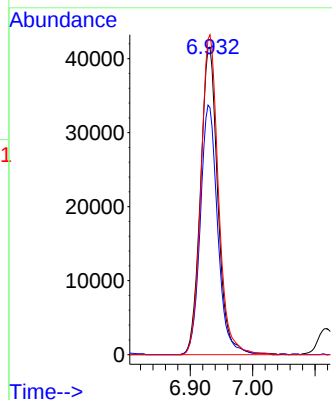
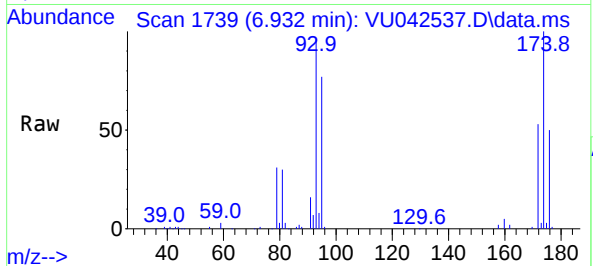
#43
Dibromomethane
Concen: 22.51 ug/l
RT: 6.932 min Scan# 1739
Delta R.T. 0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 93 Resp: 80605
Ion Ratio Lower Upper
93 100
95 81.3 65.1 97.7
174 104.3 83.6 125.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

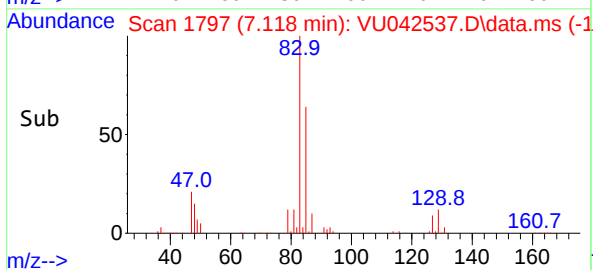
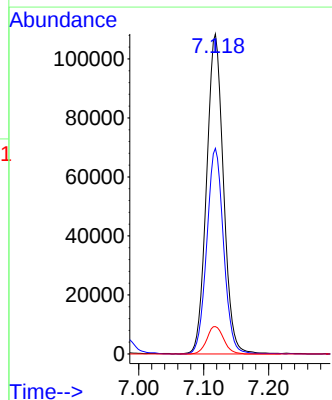
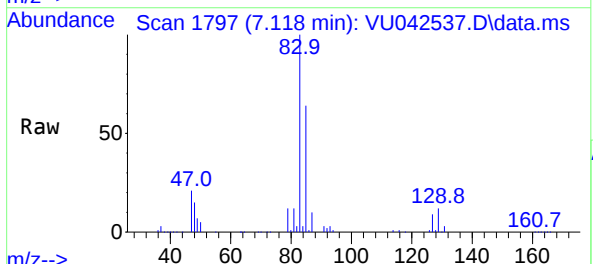
Manual Integrations
APPROVED

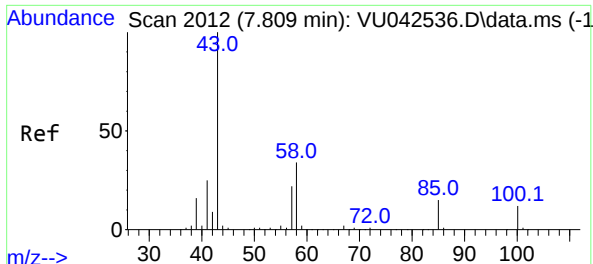
SAM
3/12/2021 5:18:44 PM



#44
Bromodichloromethane
Concen: 22.59 ug/l
RT: 7.118 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 83 Resp: 196149
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.8
127 8.6 7.4 11.0





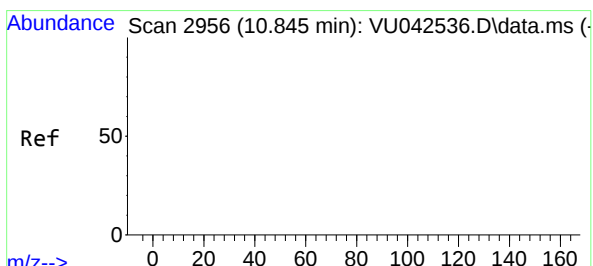
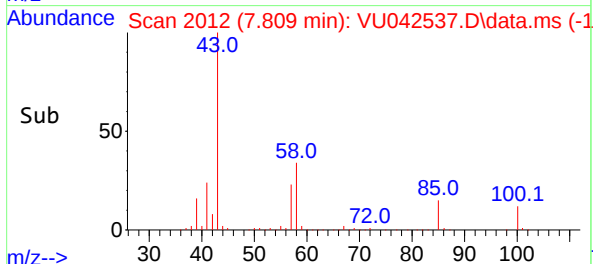
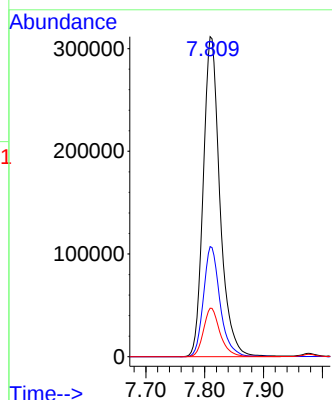
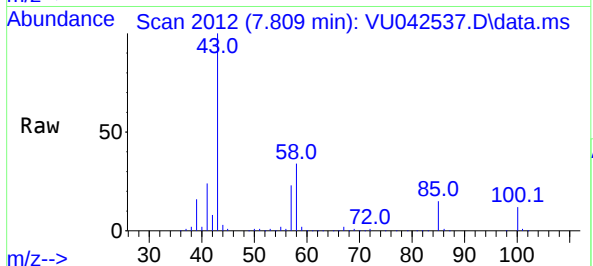
#45
4-Methyl-2-Pentanone
Concen: 104.32 ug/l
RT: 7.809 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:	43	Resp:	613594
Ion	Ratio	Lower	Upper
43	100		
58	34.3	16.9	50.6
85	15.1	12.0	18.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

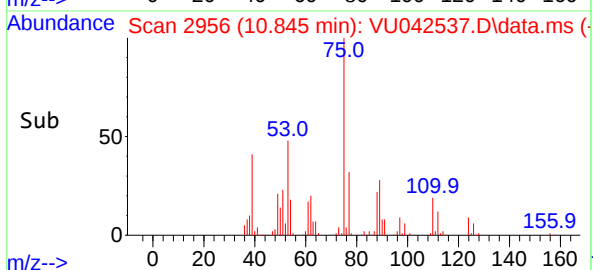
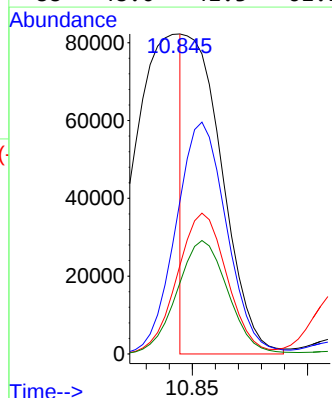
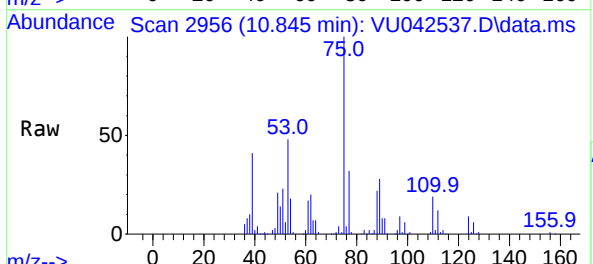
Manual Integrations
APPROVED

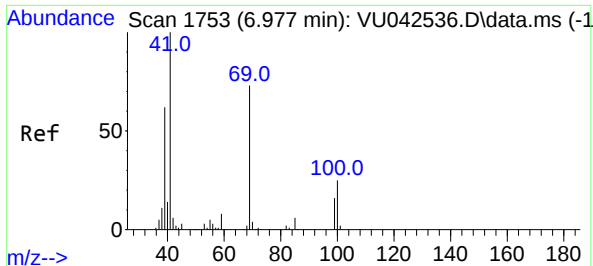
SAM
3/12/2021 5:18:44 PM



#46
t-1,4-Dichloro-2-butene
Concen: 50.26 ug/l m
RT: 10.845 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:	75	Resp:	93890
Ion	Ratio	Lower	Upper
75	100		
53	98.0	84.6	126.8
89	58.5	48.1	72.1
88	48.0	41.3	61.9





#47
Methyl methacrylate
Concen: 42.16 ug/l
RT: 6.977 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

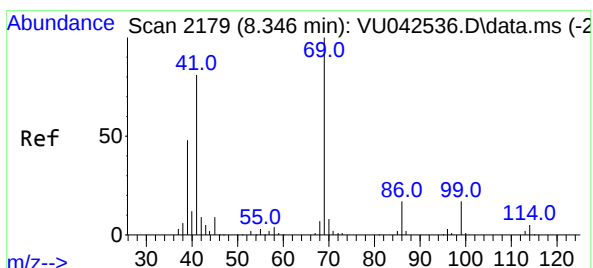
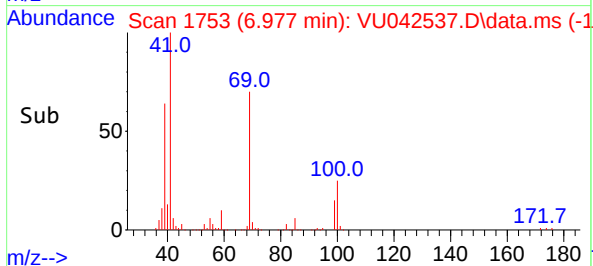
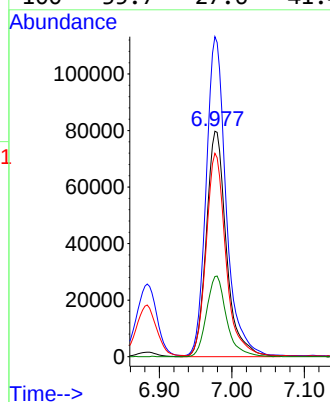
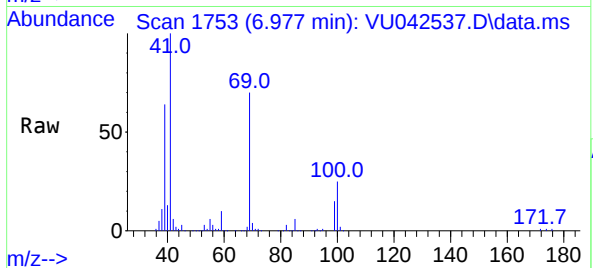
Tgt Ion: 69 Resp: 153174

Ion	Ratio	Lower	Upper
69	100		
41	139.9	0.0	274.0
39	87.6	69.2	103.8
100	35.7	27.6	41.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

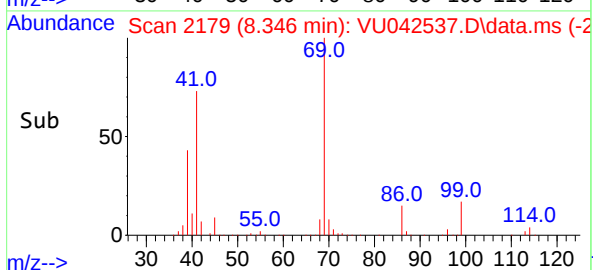
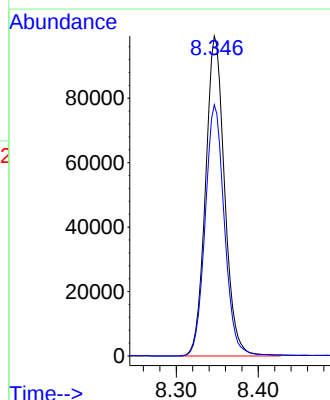
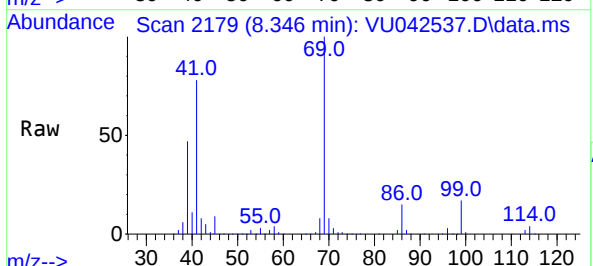
SAM
3/12/2021 5:18:44 PM

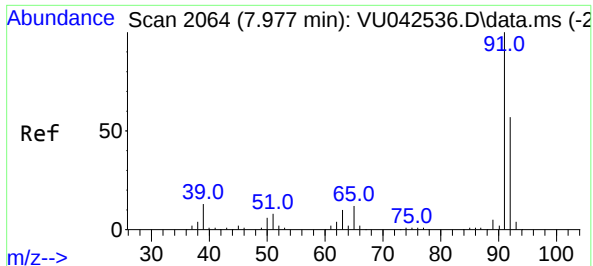


#48
Ethyl methacrylate
Concen: 20.90 ug/l
RT: 8.346 min Scan# 2179
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 69 Resp: 159899

Ion	Ratio	Lower	Upper
69	100		
41	79.4	39.9	119.7





#49

Toluene

Concen: 22.14 ug/l

RT: 7.980 min Scan# 2065

Delta R.T. 0.003 min

Lab File: VU042537.D

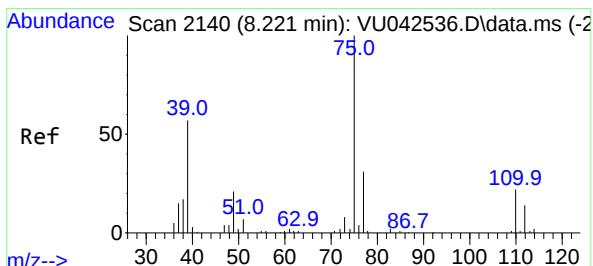
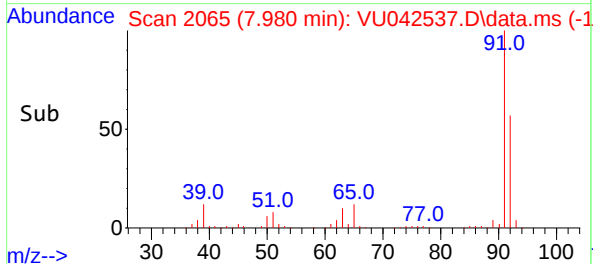
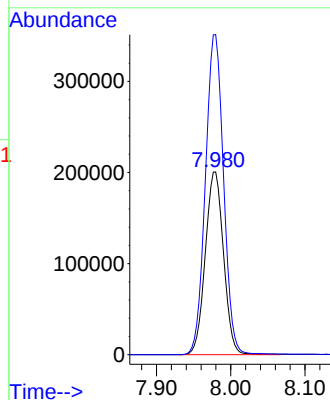
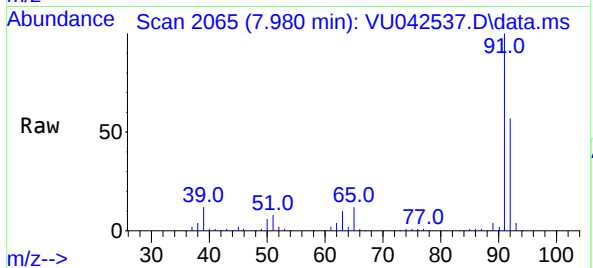
Acq: 09 Mar 2021 12:58

Tgt Ion: 92 Resp: 342198

Ion Ratio Lower Upper

92 100

91 174.8 140.3 210.5



#50

t-1,3-Dichloropropene

Concen: 22.30 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. -0.000 min

Lab File: VU042537.D

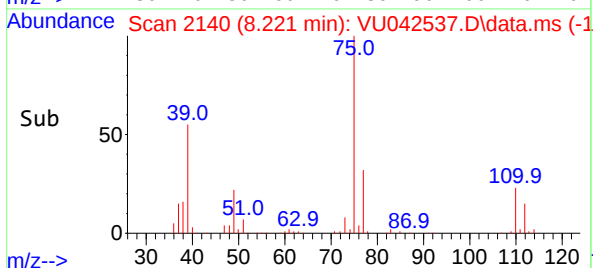
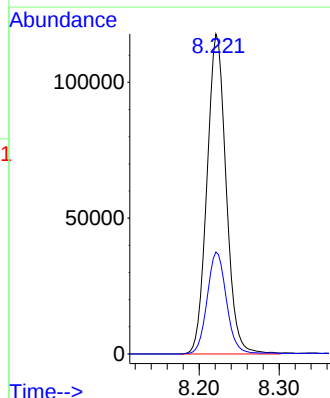
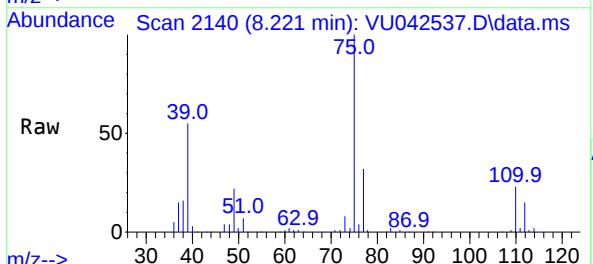
Acq: 09 Mar 2021 12:58

Tgt Ion: 75 Resp: 196343

Ion Ratio Lower Upper

75 100

77 31.9 24.9 37.3



Instrument :

MSVOA_U

ClientSampleId :

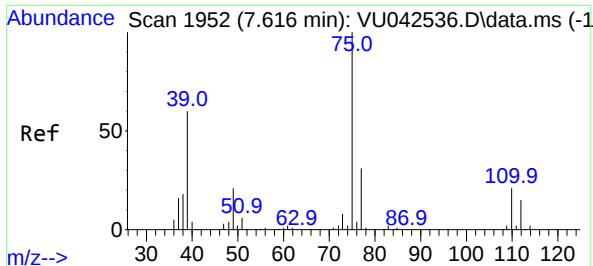
VSTDIC020

Manual Integrations

APPROVED

SAM

3/12/2021 5:18:44 PM



#51

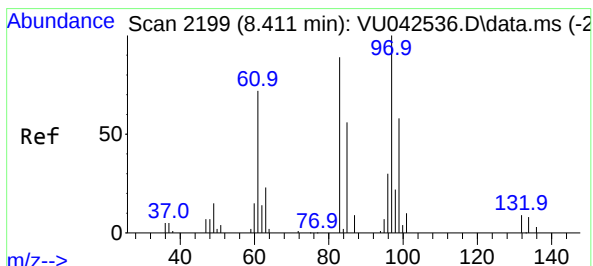
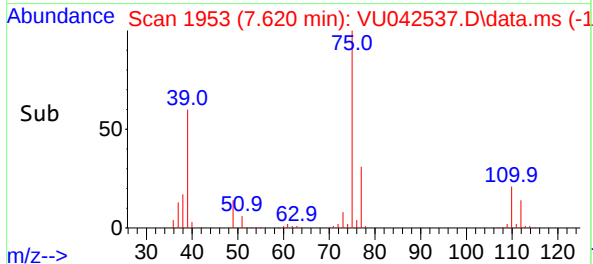
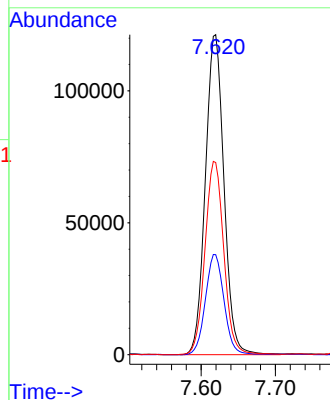
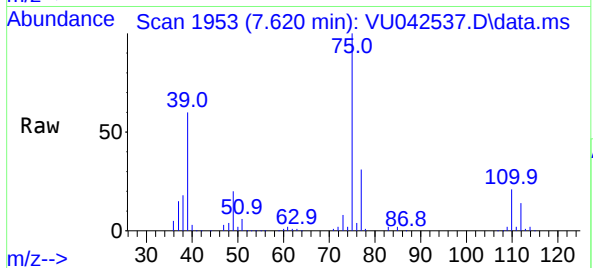
cis-1,3-Dichloropropene
Concen: 21.52 ug/l
RT: 7.620 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 75 Resp: 211072
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 60.0 48.2 72.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

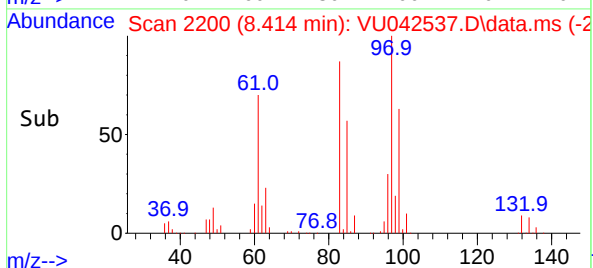
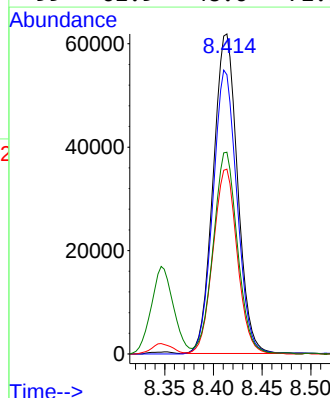
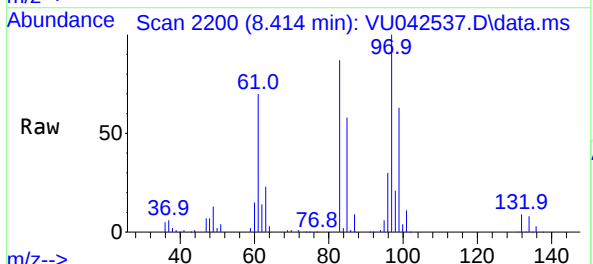
SAM
3/12/2021 5:18:44 PM

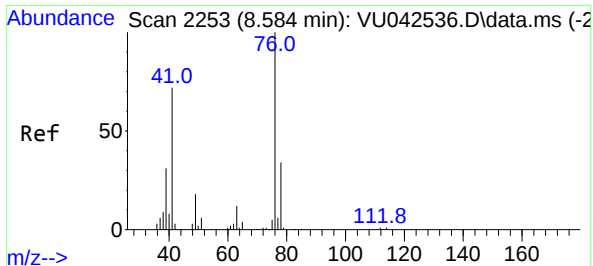


#52

1,1,2-Trichloroethane
Concen: 22.00 ug/l
RT: 8.414 min Scan# 2200
Delta R.T. 0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 97 Resp: 107411
Ion Ratio Lower Upper
97 100
83 87.4 71.4 107.2
85 57.6 45.5 68.3
99 62.9 48.6 72.8





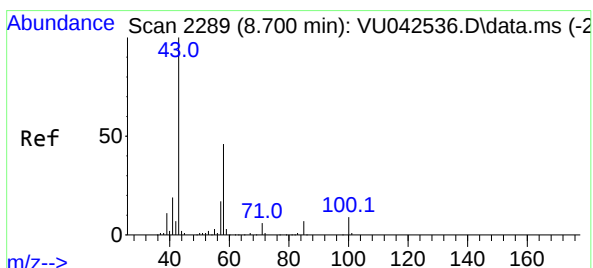
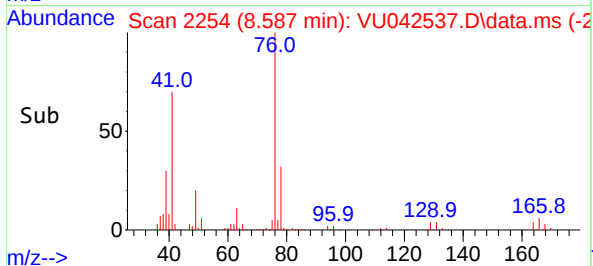
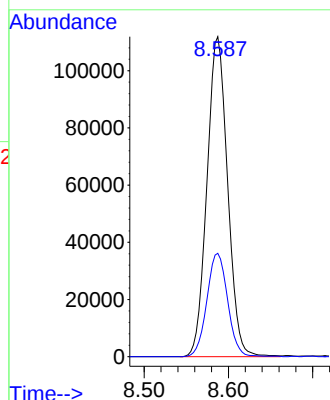
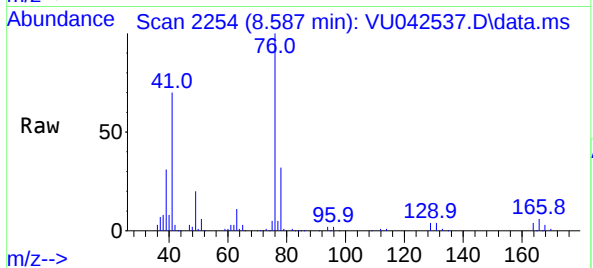
#53
1,3-Dichloropropane
Concen: 21.66 ug/l
RT: 8.587 min Scan# 2254
Delta R.T. 0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 76 Resp: 190668
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

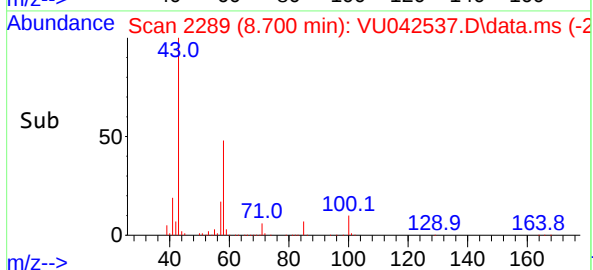
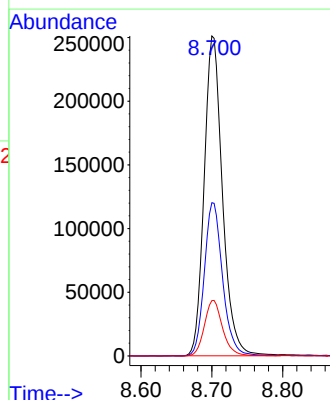
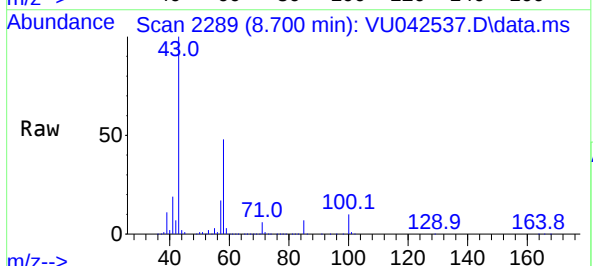
Manual Integrations
APPROVED

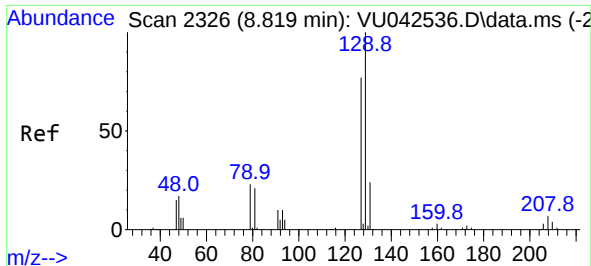
SAM
3/12/2021 5:18:44 PM



#54
2-Hexanone
Concen: 105.94 ug/l
RT: 8.700 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 43 Resp: 451720
Ion Ratio Lower Upper
43 100
58 47.8 27.0 67.0
57 17.2 0.0 36.7





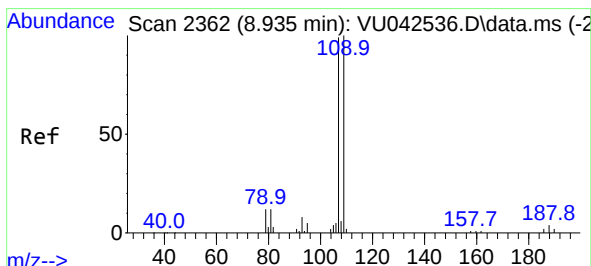
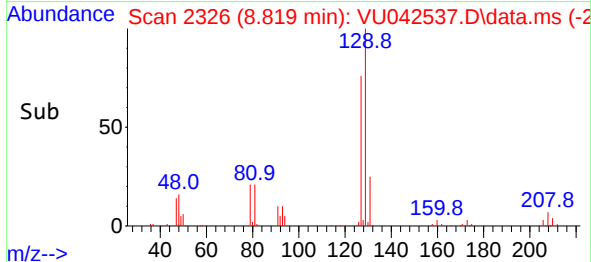
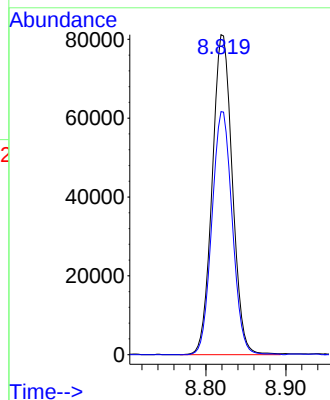
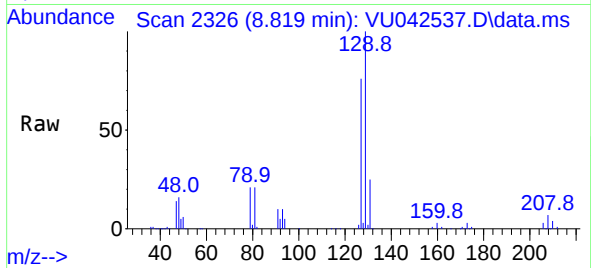
#55
Dibromochloromethane
Concen: 24.01 ug/l
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:129 Resp: 141997
Ion Ratio Lower Upper
129 100
127 76.6 60.6 91.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

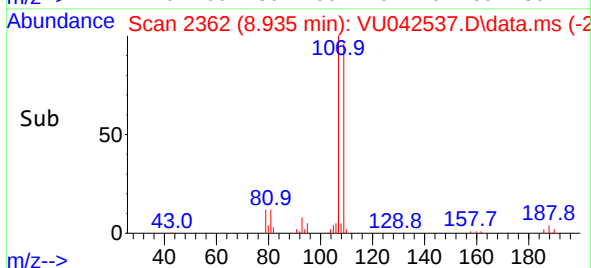
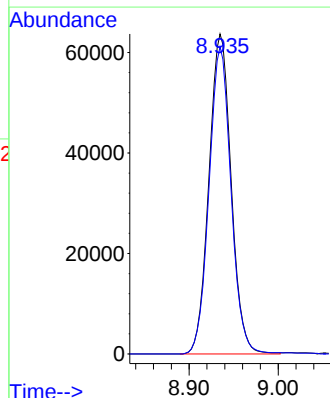
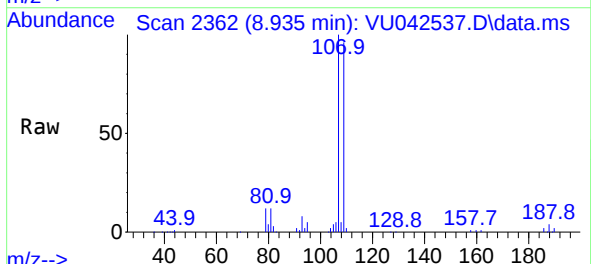
Manual Integrations
APPROVED

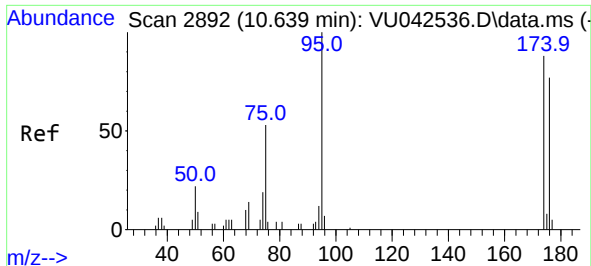
SAM
3/12/2021 5:18:44 PM



#56
1,2-Dibromoethane
Concen: 22.79 ug/l
RT: 8.935 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

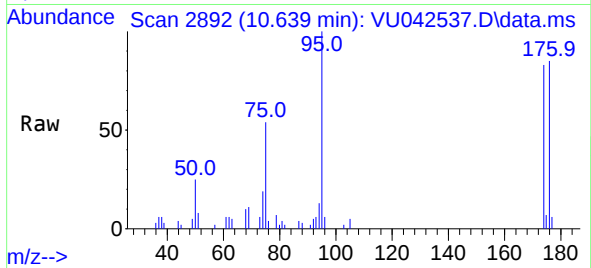
Tgt Ion:107 Resp: 110079
Ion Ratio Lower Upper
107 100
109 95.2 0.0 192.6





#57
4-Bromofluorobenzene
Concen: 1.19 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

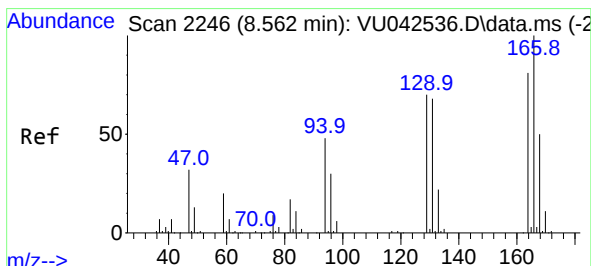
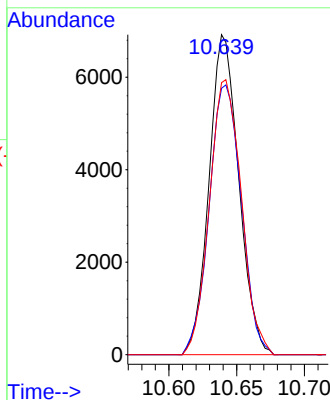
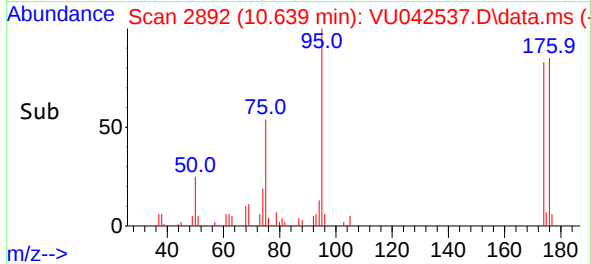
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



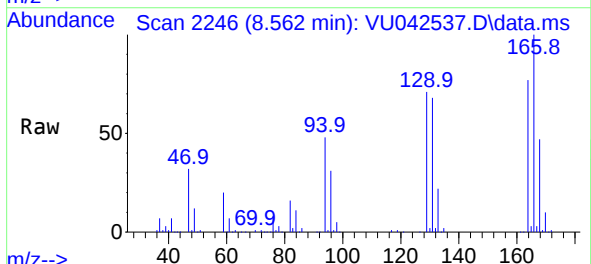
Tgt Ion: 95 Resp: 10556
Ion Ratio Lower Upper
95 100
174 91.0 73.1 109.7
176 92.1 63.4 95.2

Manual Integrations
APPROVED

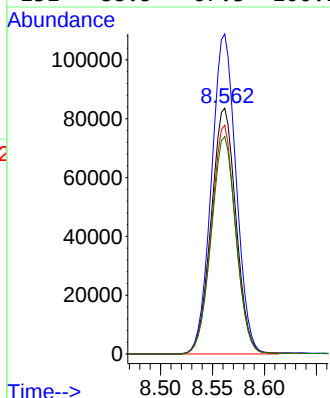
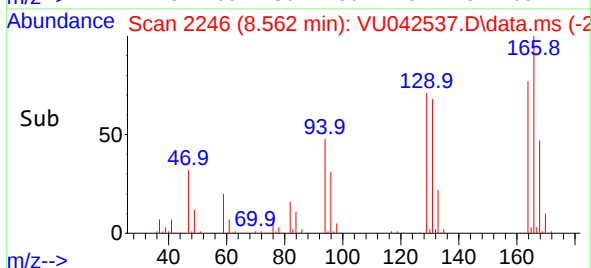
SAM
3/12/2021 5:18:44 PM

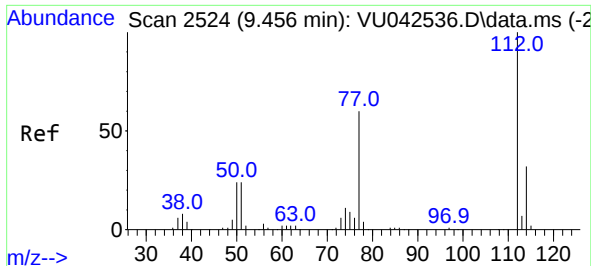


#58
Tetrachloroethene
Concen: 23.47 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



Tgt Ion: 164 Resp: 139141
Ion Ratio Lower Upper
164 100
166 130.2 98.7 148.1
129 93.0 69.4 104.0
131 88.5 67.3 100.9





#59

Chlorobenzene

Concen: 22.32 ug/l

RT: 9.456 min Scan# 2524

Delta R.T. -0.000 min

Lab File: VU042537.D

Acq: 09 Mar 2021 12:58

Tgt Ion:112 Resp: 375906

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6

Instrument :

MSVOA_U

ClientSampleId :

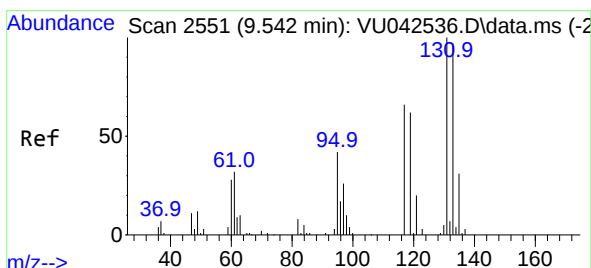
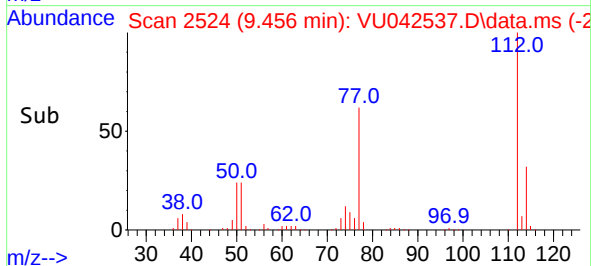
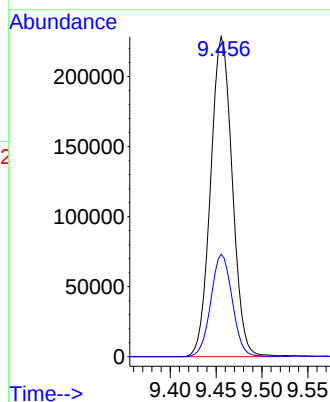
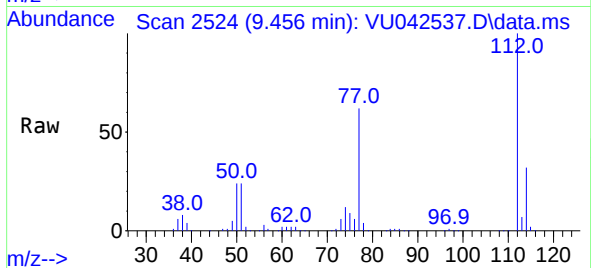
VSTDIC020

Manual Integrations

APPROVED

SAM

3/12/2021 5:18:44 PM



#60

1,1,1,2-Tetrachloroethane

Concen: 23.26 ug/l

RT: 9.542 min Scan# 2551

Delta R.T. -0.000 min

Lab File: VU042537.D

Acq: 09 Mar 2021 12:58

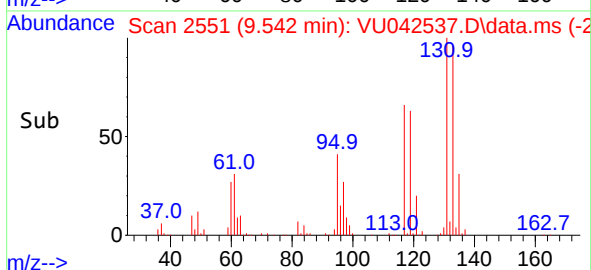
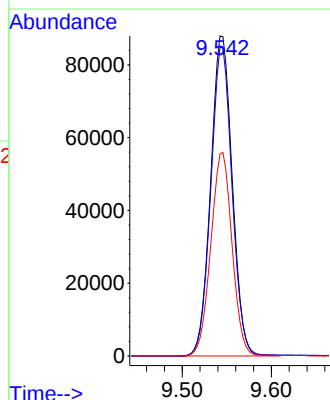
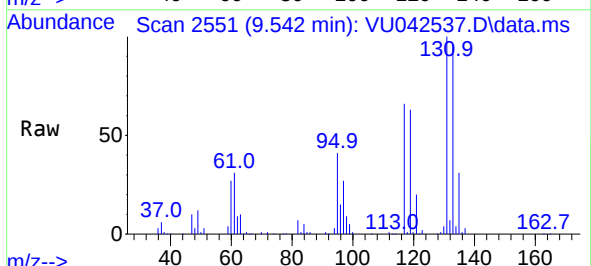
Tgt Ion:131 Resp: 147659

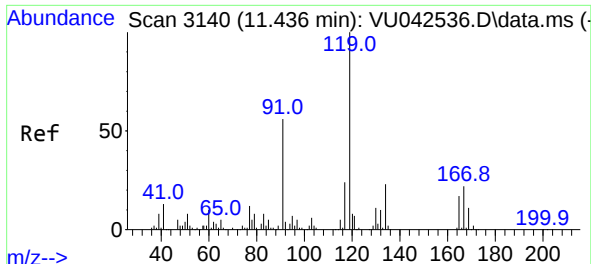
Ion Ratio Lower Upper

131 100

133 95.4 77.0 115.4

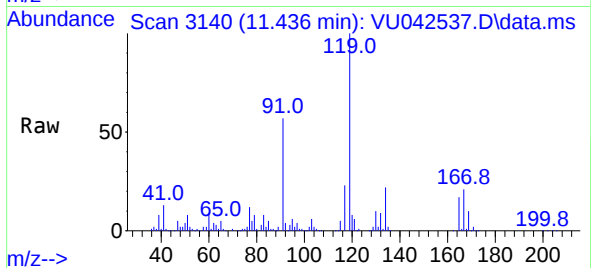
119 62.8 50.0 75.0





#61
Pentachloroethane
Concen: 24.42 ug/l
RT: 11.436 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

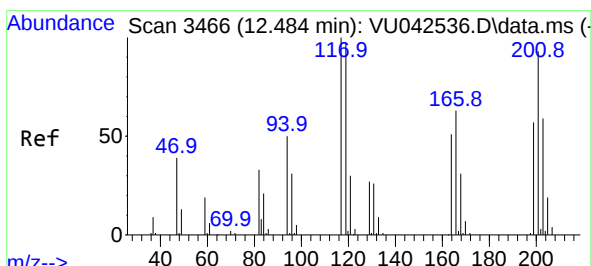
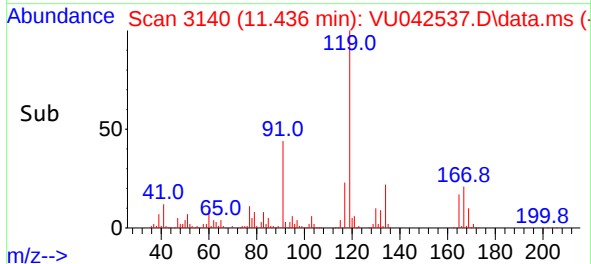
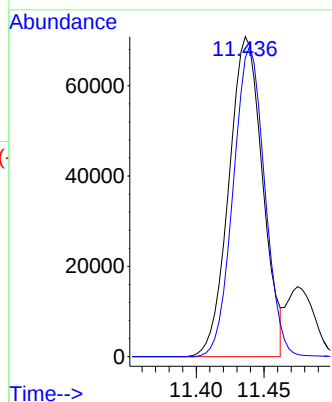
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



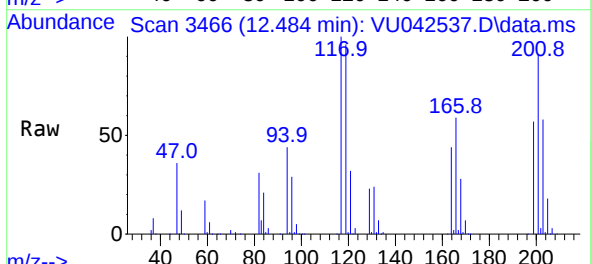
Tgt Ion:117 Resp: 122434
Ion Ratio Lower Upper
117 100
167 90.4 71.7 107.5

Manual Integrations
APPROVED

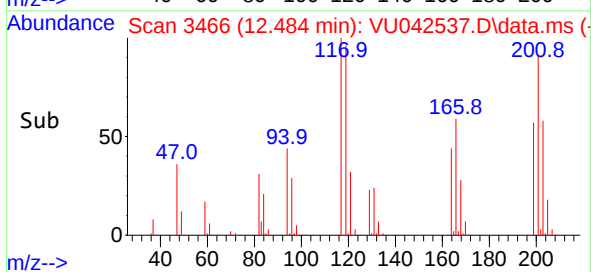
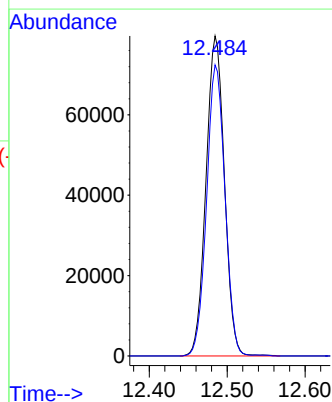
SAM
3/12/2021 5:18:44 PM

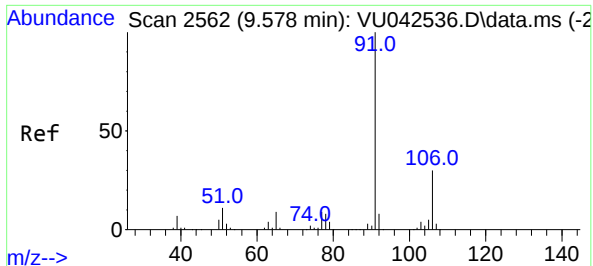


#62
Hexachloroethane
Concen: 26.14 ug/l
RT: 12.484 min Scan# 3466
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



Tgt Ion:117 Resp: 130771
Ion Ratio Lower Upper
117 100
201 90.5 74.1 111.1





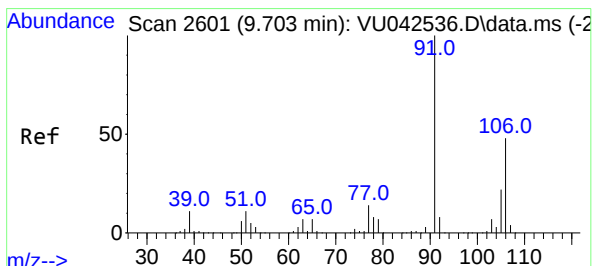
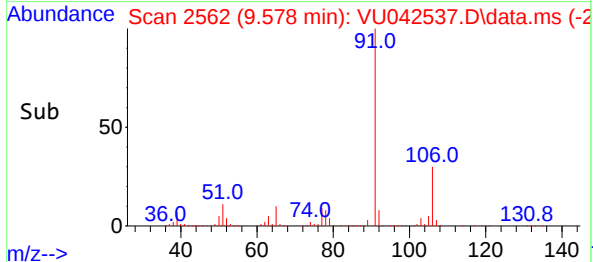
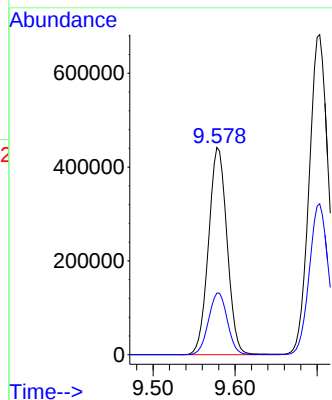
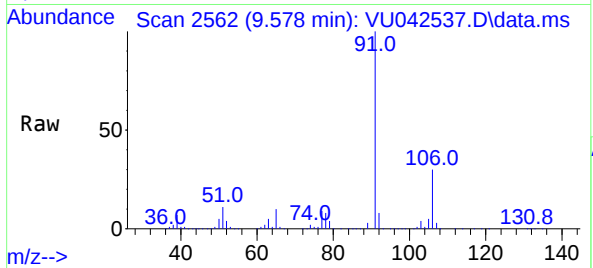
#63
Ethyl Benzene
Concen: 22.76 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 91 Resp: 694391
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

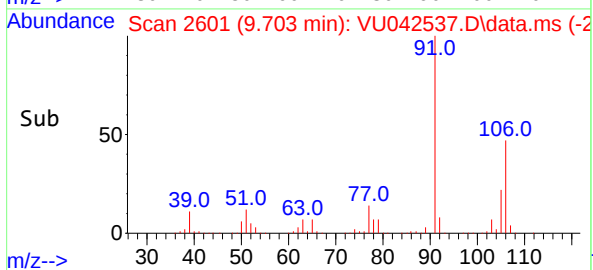
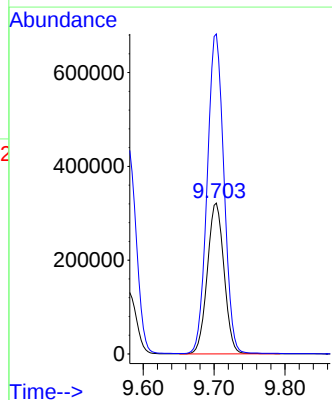
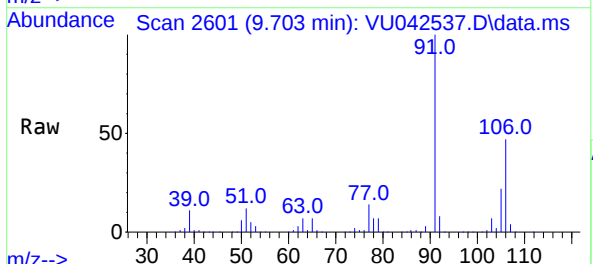
Manual Integrations
APPROVED

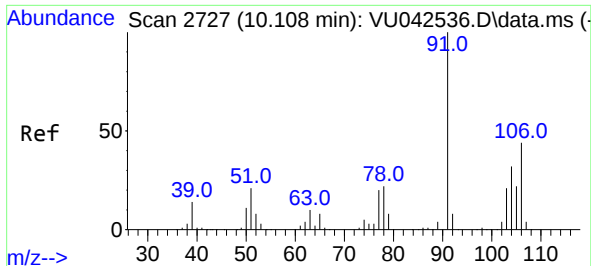
SAM
3/12/2021 5:18:44 PM



#64
m/p-Xylenes
Concen: 45.94 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 106 Resp: 526342
Ion Ratio Lower Upper
106 100
91 212.1 167.2 250.8





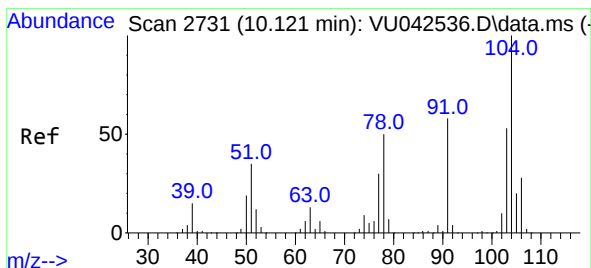
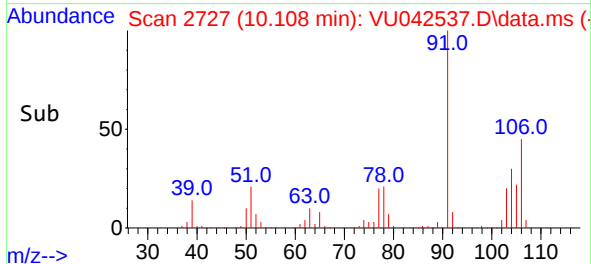
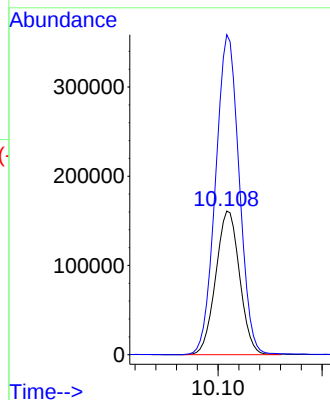
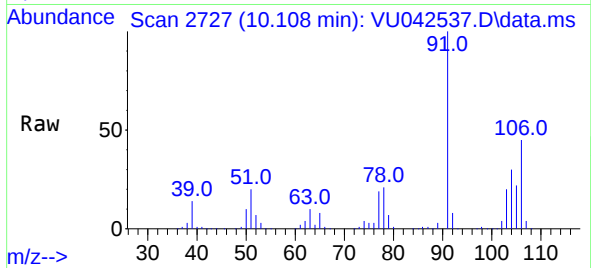
#65
o-Xylene
Concen: 22.86 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:106 Resp: 256986
Ion Ratio Lower Upper
106 100
91 221.3 111.3 333.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

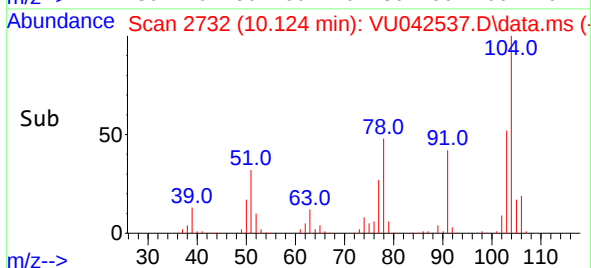
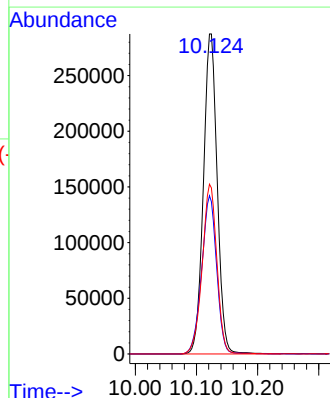
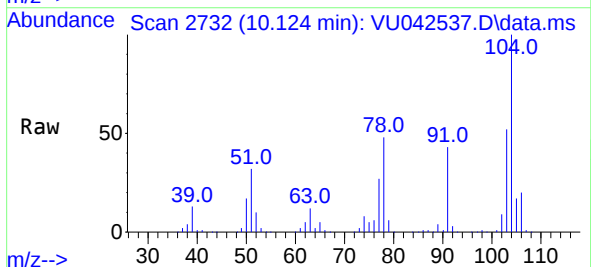
Manual Integrations
APPROVED

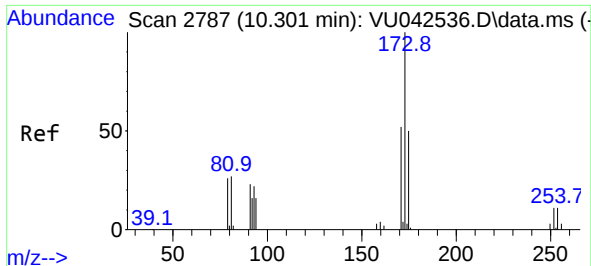
SAM
3/12/2021 5:18:44 PM



#66
Styrene
Concen: 23.82 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:104 Resp: 451057
Ion Ratio Lower Upper
104 100
78 53.6 43.5 65.3
103 56.2 45.2 67.8





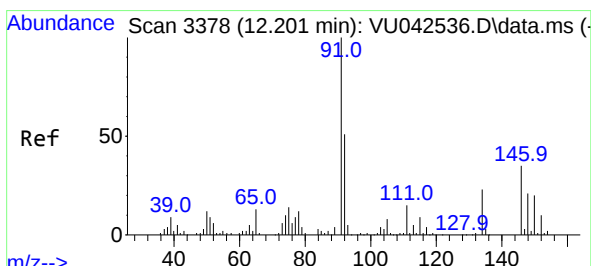
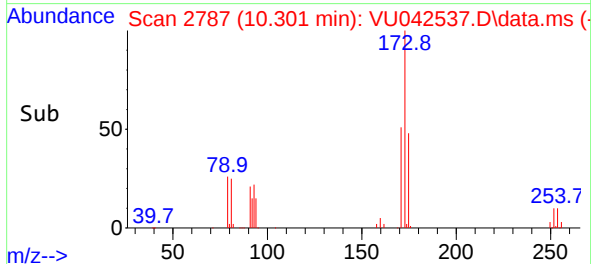
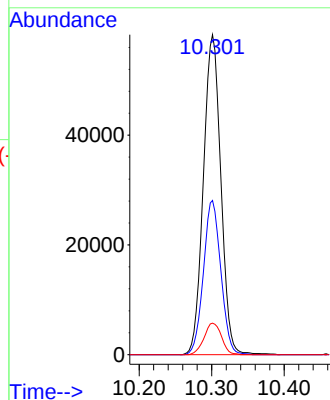
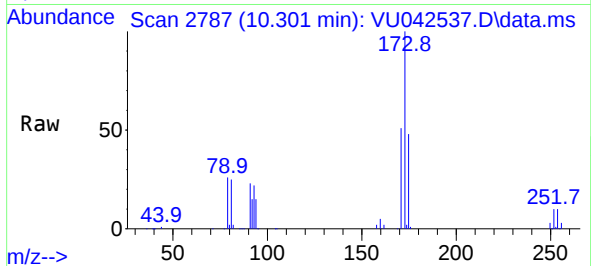
#67
Bromoform
Concen: 25.87 ug/l
RT: 10.301 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:	173	Resp:	97604
Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.6	57.8
254	9.8	8.2	12.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

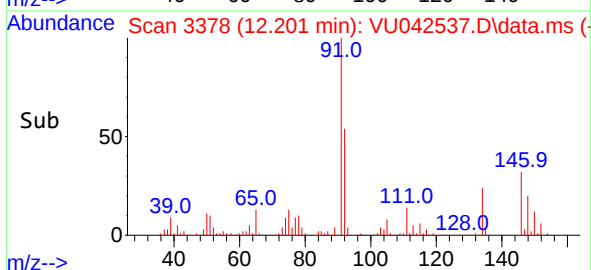
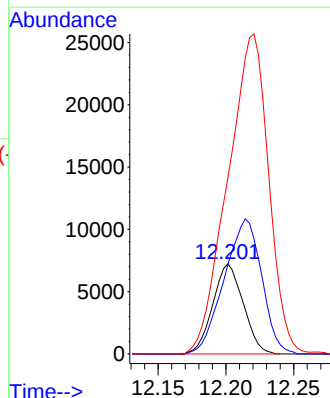
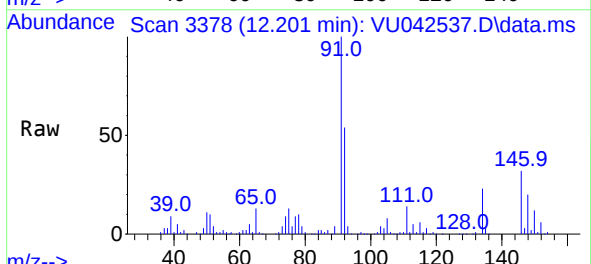
Manual Integrations
APPROVED

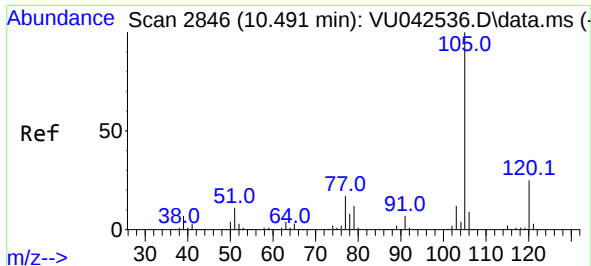
SAM
3/12/2021 5:18:44 PM



#68
1,2-Dichlorobenzene-d4
Concen: 1.24 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:	152	Resp:	11273
Ion	Ratio	Lower	Upper
152	100		
115	184.8	0.0	266.0
150	478.8	0.0	657.2





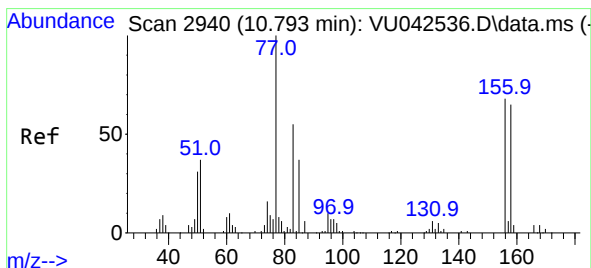
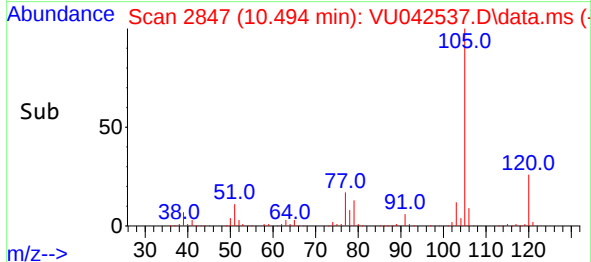
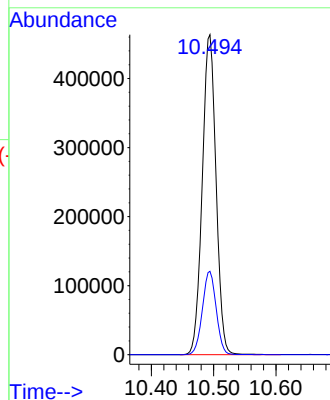
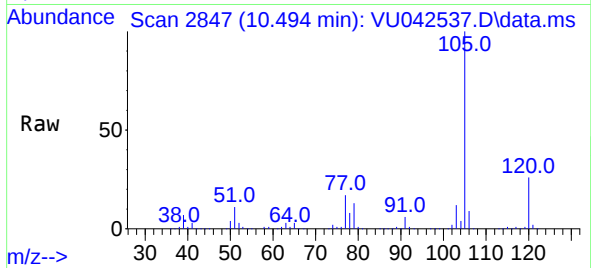
#69
Isopropylbenzene
Concen: 23.40 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 105 Resp: 711587
Ion Ratio Lower Upper
105 100
120 26.0 12.7 38.1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

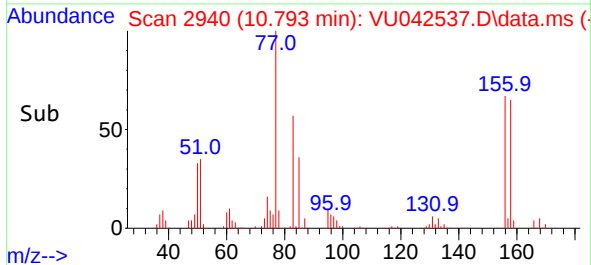
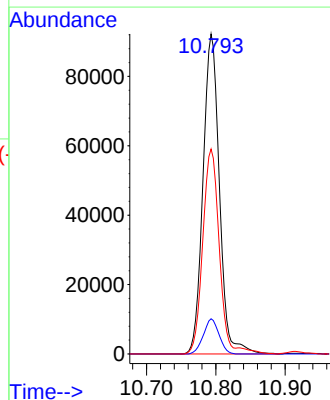
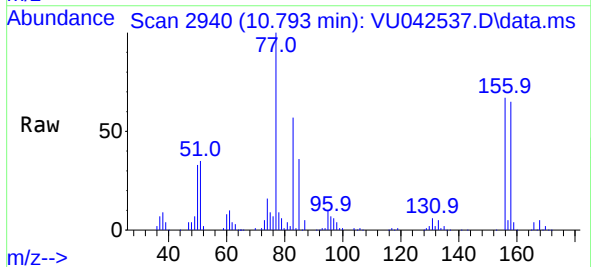
Manual Integrations
APPROVED

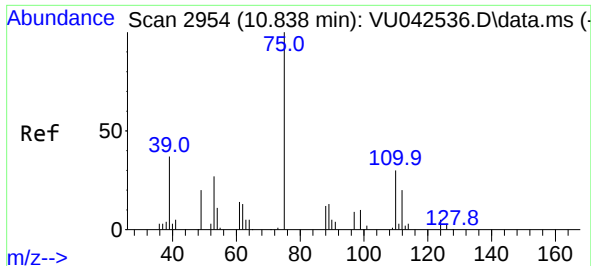
SAM
3/12/2021 5:18:44 PM



#70
1,1,2,2-Tetrachloroethane
Concen: 23.45 ug/l
RT: 10.793 min Scan# 2940
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 83 Resp: 151422
Ion Ratio Lower Upper
83 100
131 10.4 8.5 12.7
85 63.1 52.1 78.1





#71
1,2,3-Trichloropropane
Concen: 23.67 ug/l m
RT: 10.845 min Scan# 2956
Delta R.T. 0.006 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

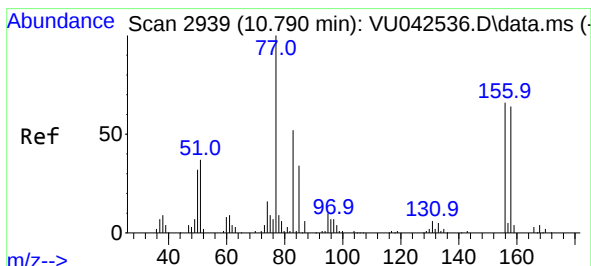
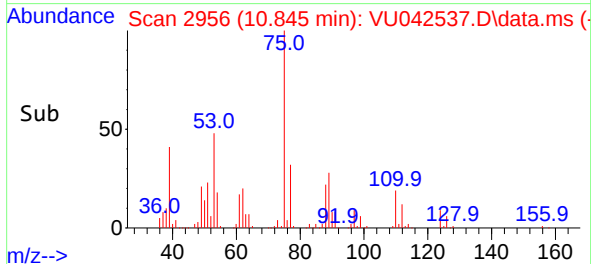
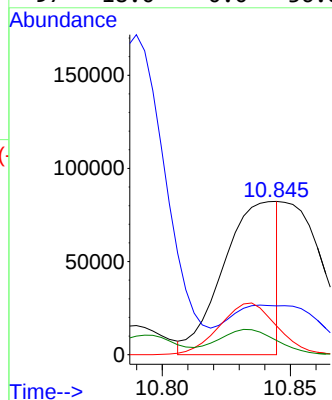
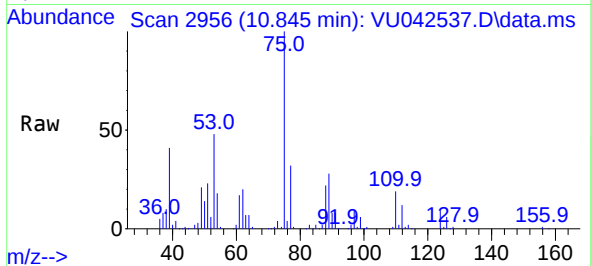
Tgt Ion: 75 Resp: 120569

Ion	Ratio	Lower	Upper
75	100		
77	54.4	0.0	105.6
110	36.2	0.0	71.4
97	18.0	0.0	36.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

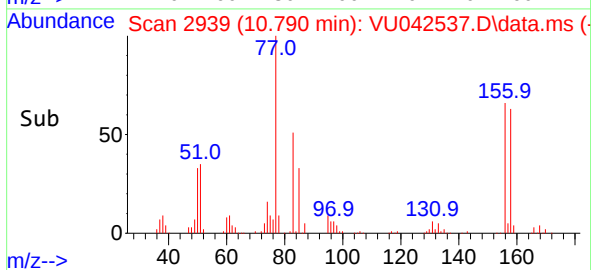
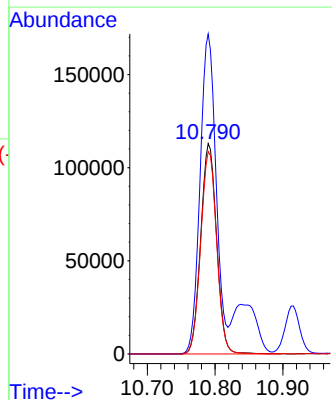
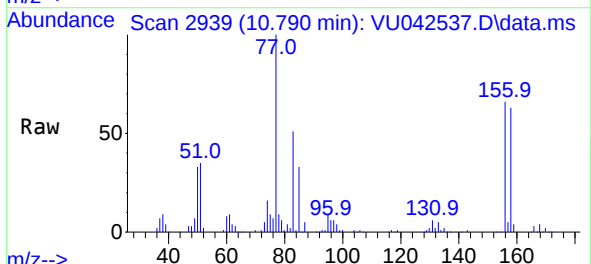
SAM
3/12/2021 5:18:44 PM

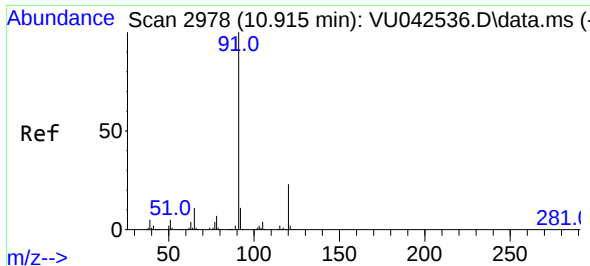


#72
Bromobenzene
Concen: 23.78 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 156 Resp: 184118

Ion	Ratio	Lower	Upper
156	100		
77	152.6	0.0	301.2
158	96.4	0.0	192.6





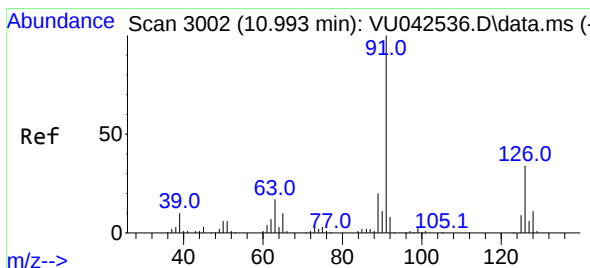
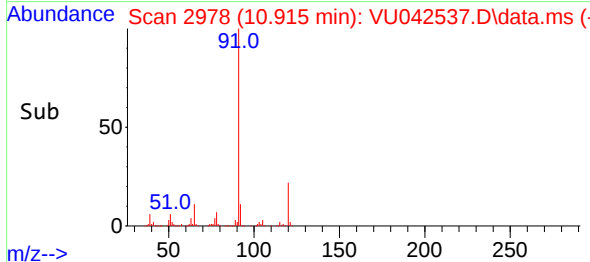
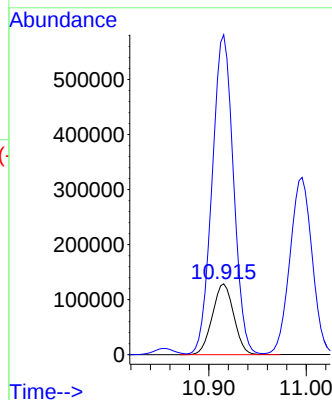
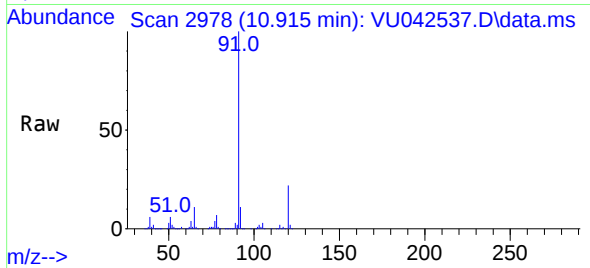
#73
n-propylbenzene
Concen: 24.15 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:120 Resp: 196616
Ion Ratio Lower Upper
120 100
91 448.5 352.4 528.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

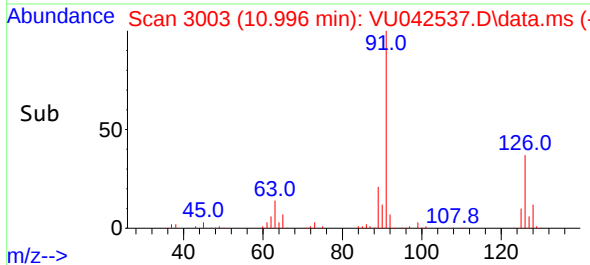
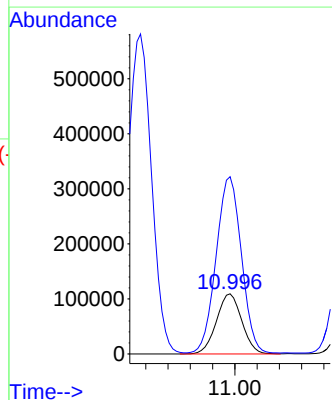
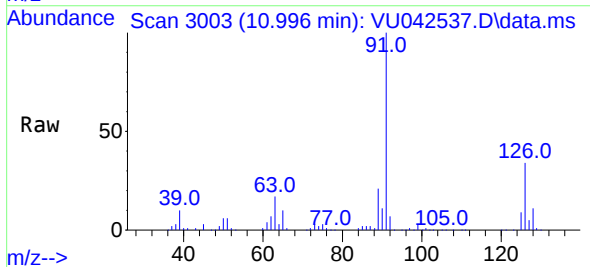
Manual Integrations
APPROVED

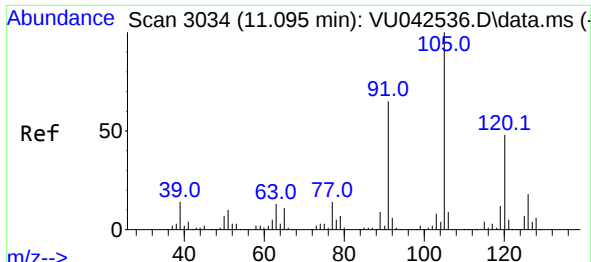
SAM
3/12/2021 5:18:44 PM



#74
2-Chlorotoluene
Concen: 23.78 ug/l
RT: 10.996 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

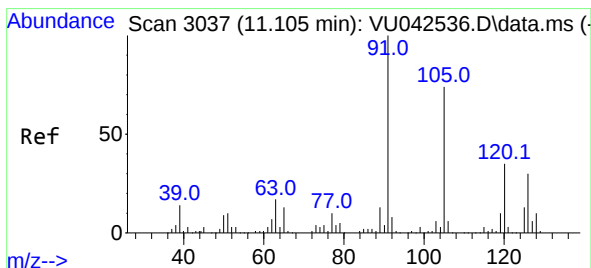
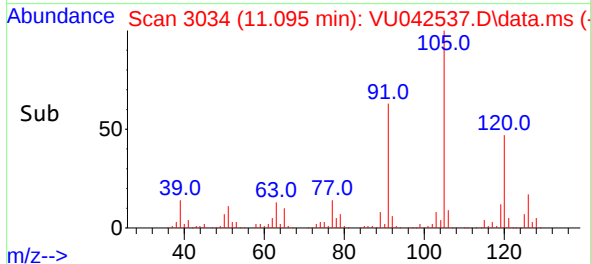
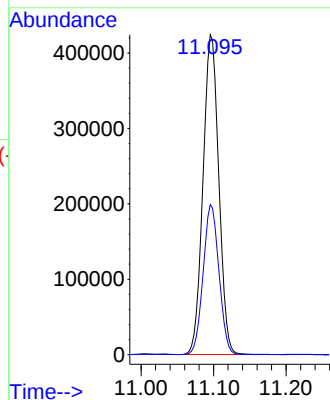
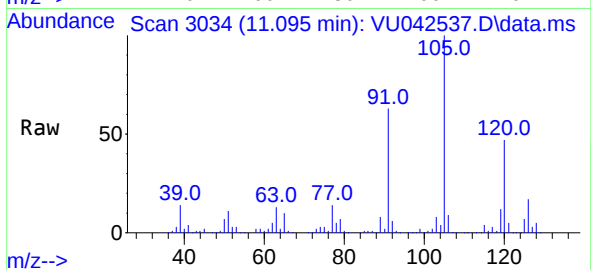
Tgt Ion:126 Resp: 172616
Ion Ratio Lower Upper
126 100
91 292.0 0.0 583.8





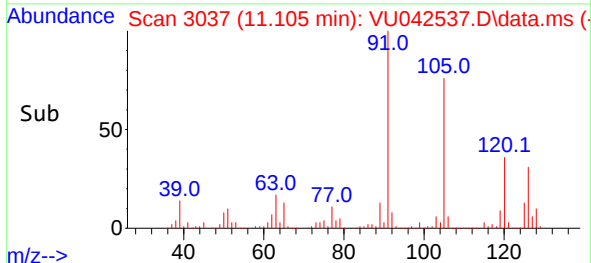
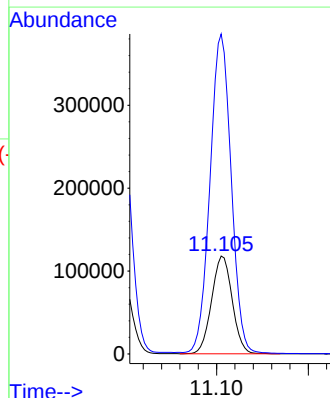
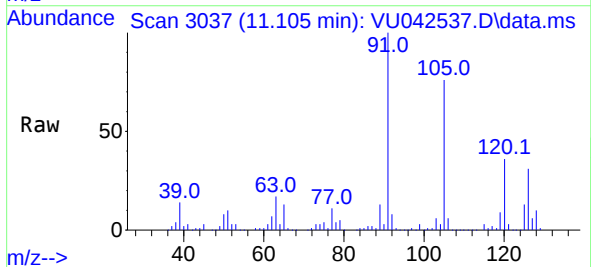
#75
1,3,5-Trimethylbenzene
Concen: 24.12 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:105 Resp: 641697
Ion Ratio Lower Upper
105 100
120 46.9 38.1 57.1



#76
4-Chlorotoluene
Concen: 24.81 ug/l
RT: 11.105 min Scan# 3037
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

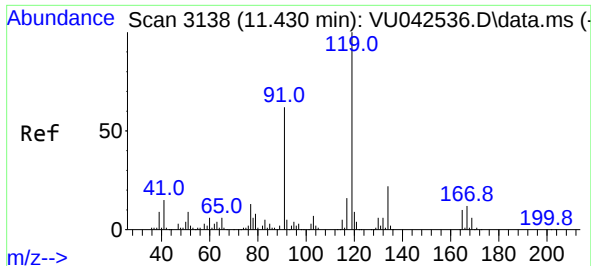
Tgt Ion:126 Resp: 183753
Ion Ratio Lower Upper
126 100
91 336.5 0.0 674.0



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

SAM
3/12/2021 5:18:44 PM



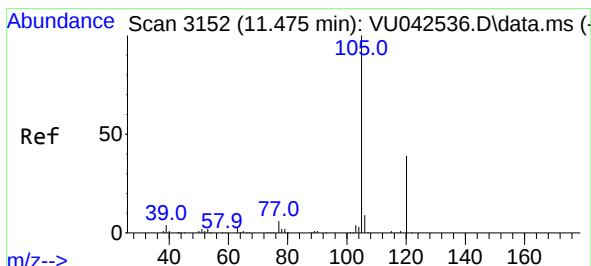
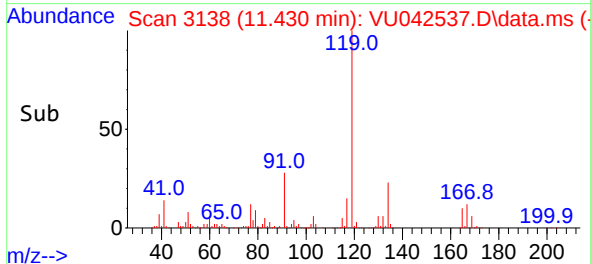
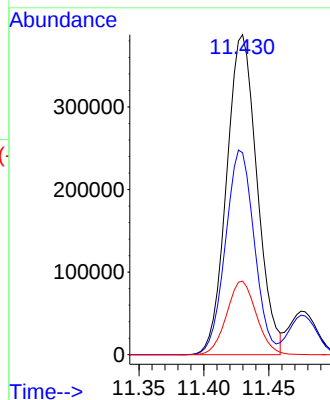
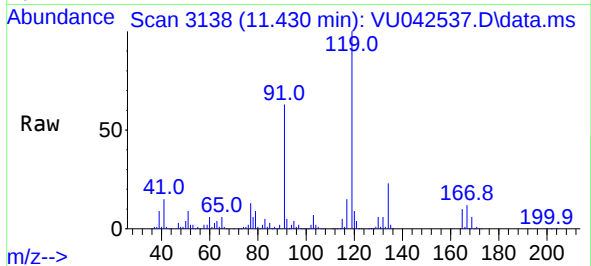
#77
tert-Butylbenzene
Concen: 24.08 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:119 Resp: 632629
Ion Ratio Lower Upper
119 100
91 60.5 30.4 91.3
134 22.5 18.2 27.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

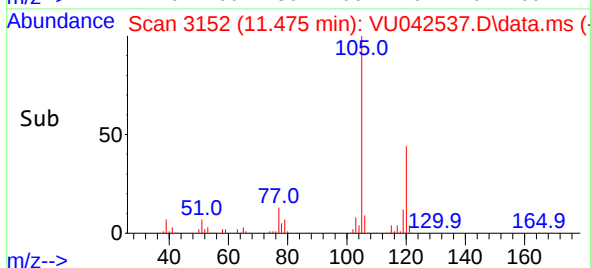
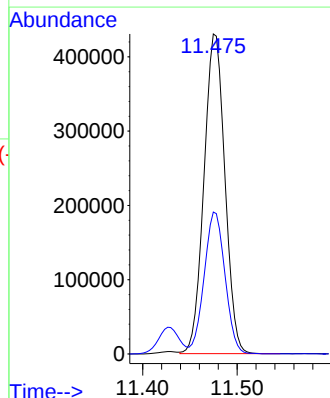
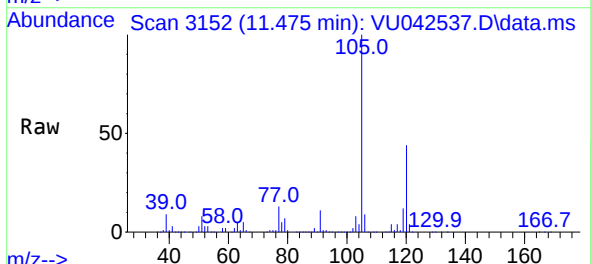
Manual Integrations
APPROVED

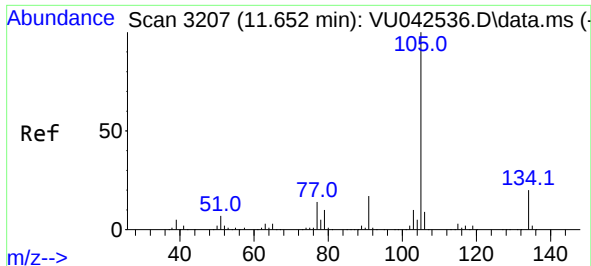
SAM
3/12/2021 5:18:44 PM



#78
1,2,4-Trimethylbenzene
Concen: 24.67 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

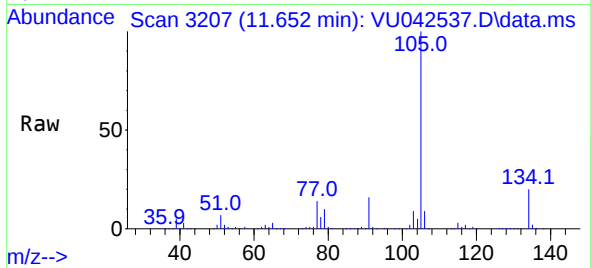
Tgt Ion:105 Resp: 661534
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0





#79
sec-Butylbenzene
Concen: 24.57 ug/l
RT: 11.652 min Scan# 3207
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

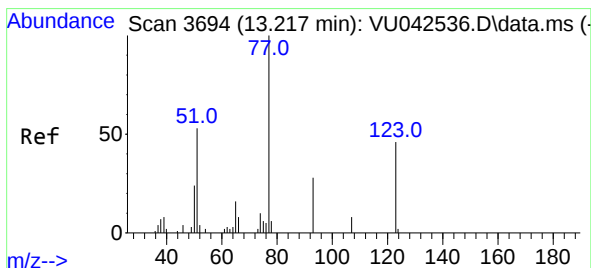
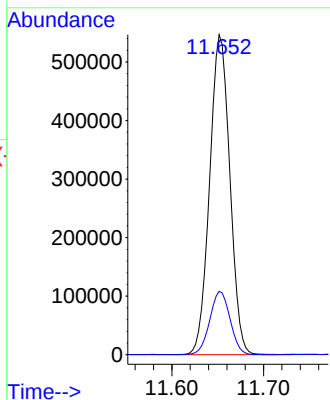
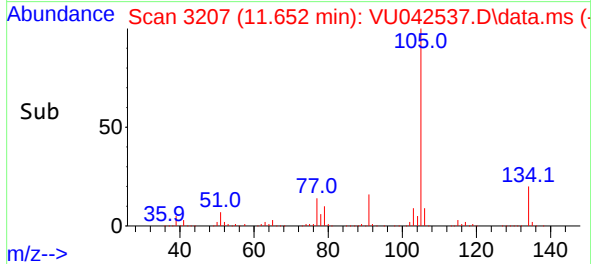
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020



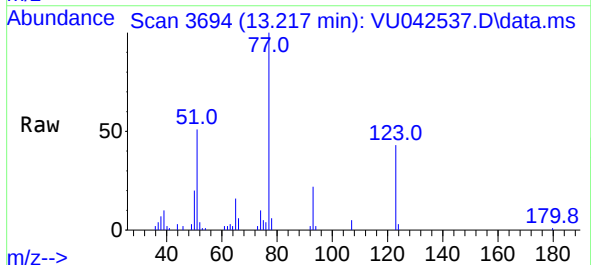
Tgt Ion:105 Resp: 836565
Ion Ratio Lower Upper
105 100
134 20.0 16.0 24.0

Manual Integrations
APPROVED

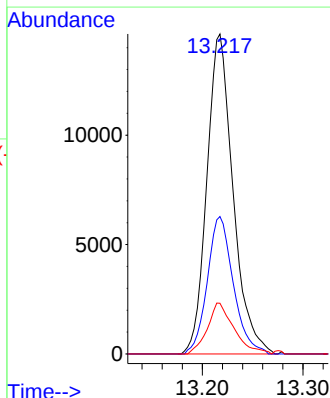
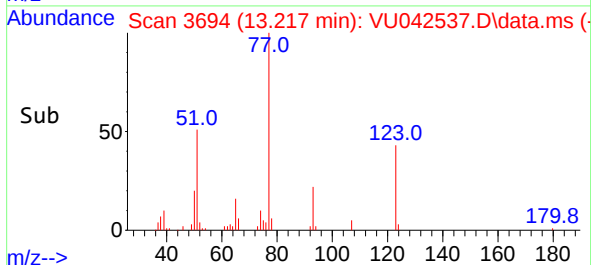
SAM
3/12/2021 5:18:44 PM

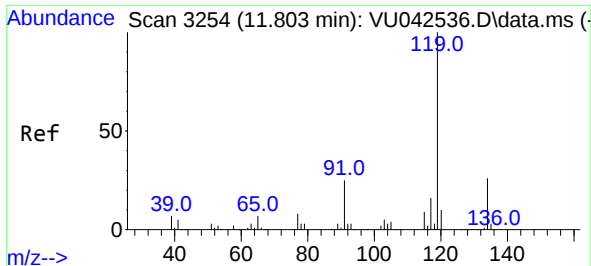


#80
Nitrobenzene
Concen: 147.78 ug/l
RT: 13.217 min Scan# 3694
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



Tgt Ion: 77 Resp: 26434
Ion Ratio Lower Upper
77 100
123 42.7 19.1 67.7
65 16.2 14.6 18.6





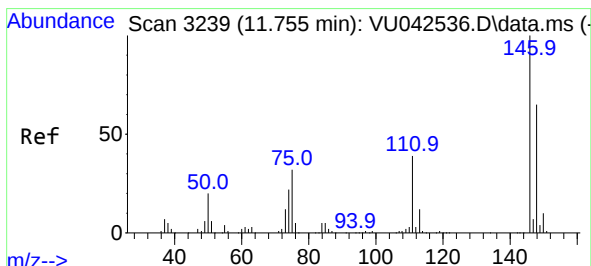
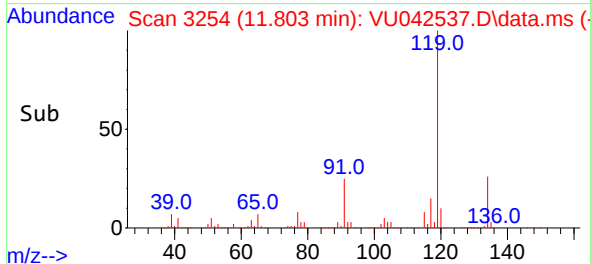
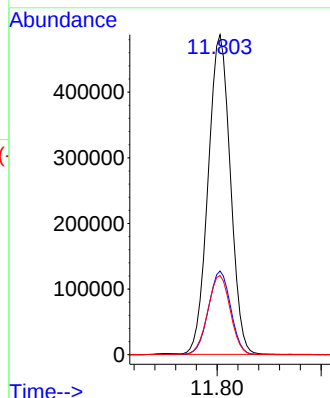
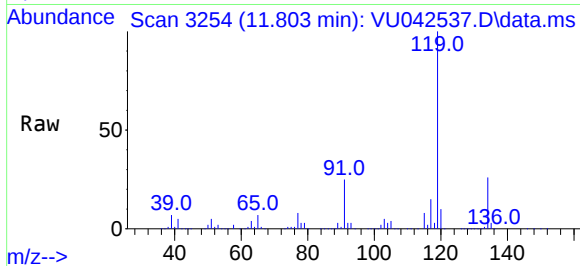
#81
p-Isopropyltoluene
Concen: 24.93 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:119 Resp: 722292
Ion Ratio Lower Upper
119 100
134 26.2 21.1 31.7
91 25.1 20.0 30.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

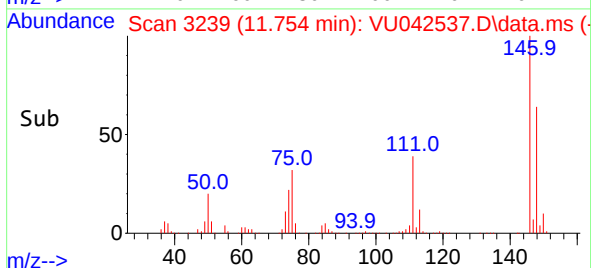
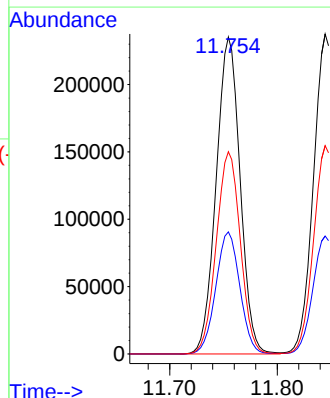
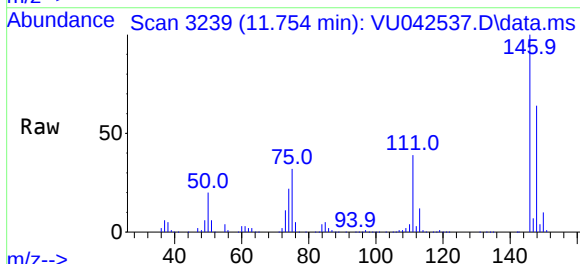
Manual Integrations
APPROVED

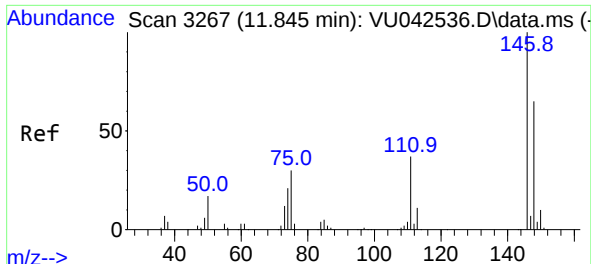
SAM
3/12/2021 5:18:44 PM



#82
1,3-Dichlorobenzene
Concen: 24.78 ug/l
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:146 Resp: 363913
Ion Ratio Lower Upper
146 100
111 38.7 31.4 47.0
148 64.2 51.8 77.6





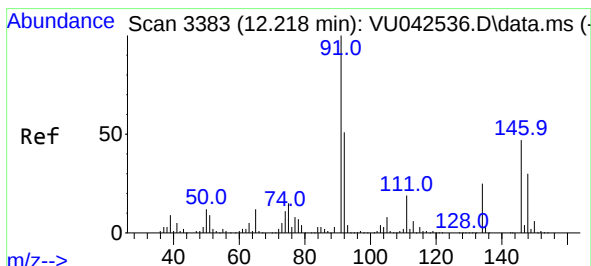
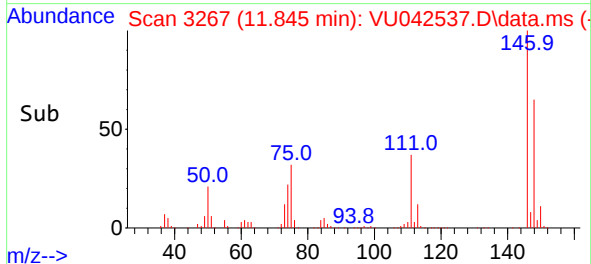
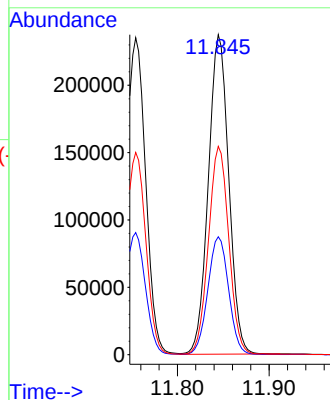
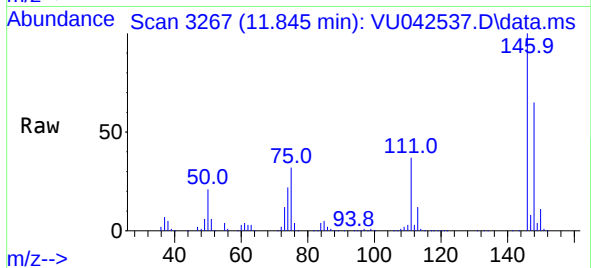
#83
1,4-Dichlorobenzene
Concen: 24.72 ug/l
RT: 11.845 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:146 Resp: 366618
Ion Ratio Lower Upper
146 100
111 37.5 29.7 44.5
148 64.9 51.4 77.2

Instrument :
MSVOA_U
ClientSampled :
VSTDIC020

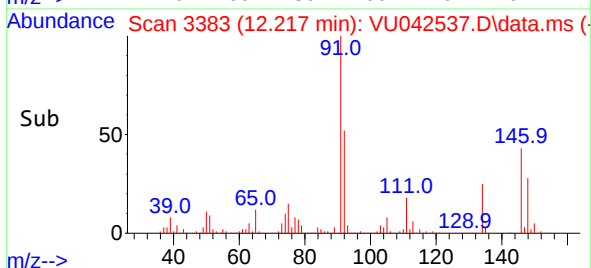
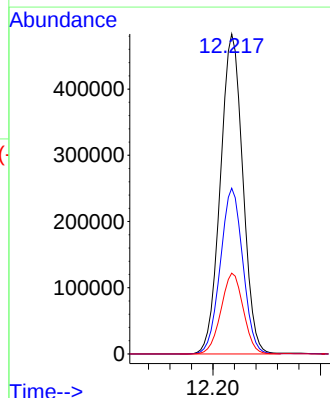
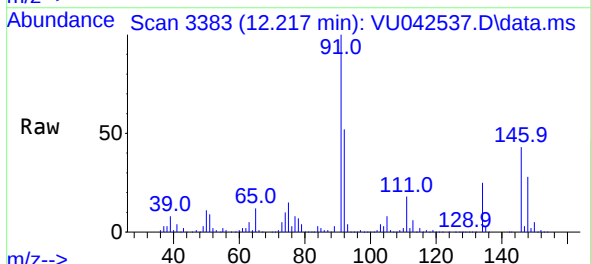
Manual Integrations
APPROVED

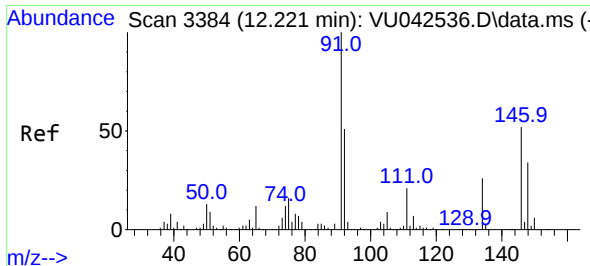
SAM
3/12/2021 5:18:44 PM



#84
n-Butylbenzene
Concen: 25.34 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 91 Resp: 701134
Ion Ratio Lower Upper
91 100
92 52.0 41.0 61.4
134 25.1 20.1 30.1





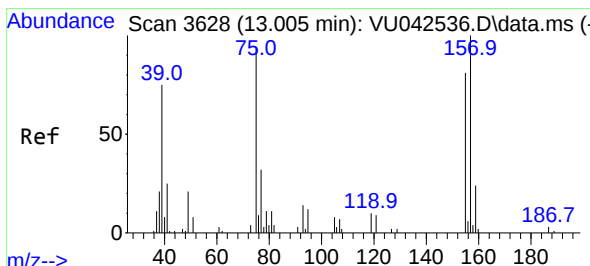
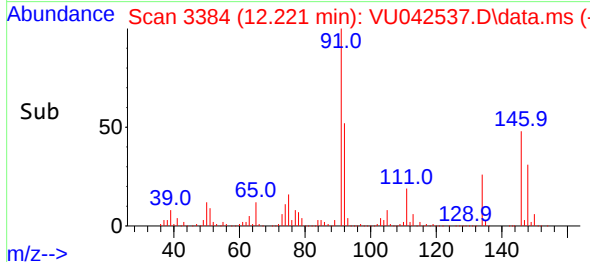
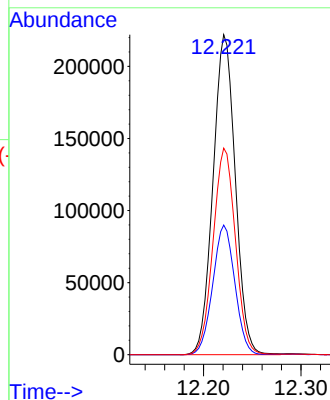
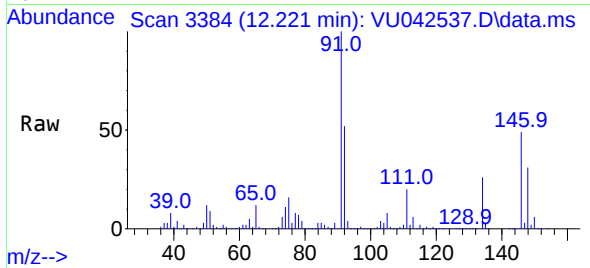
#85
1,2-Dichlorobenzene
Concen: 24.63 ug/l
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion:146 Resp: 352827
Ion Ratio Lower Upper
146 100
111 40.2 20.1 60.2
148 64.8 32.1 96.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

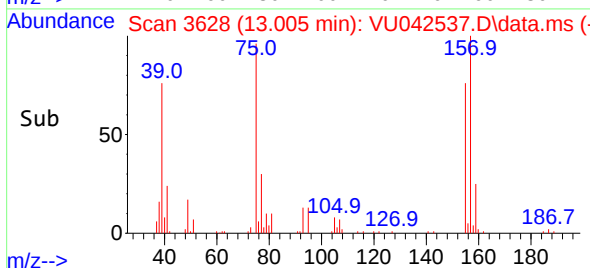
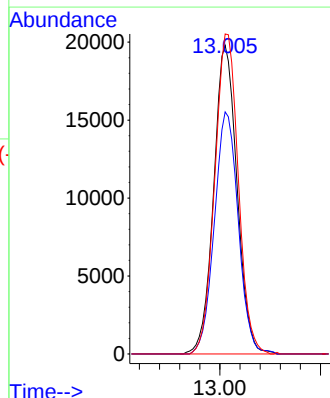
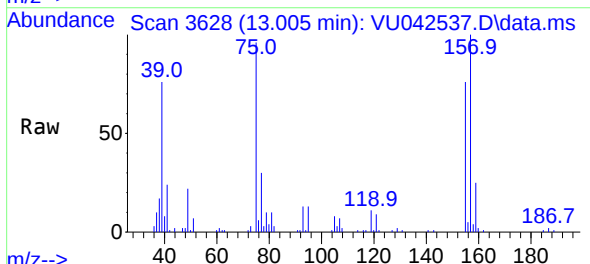
Manual Integrations
APPROVED

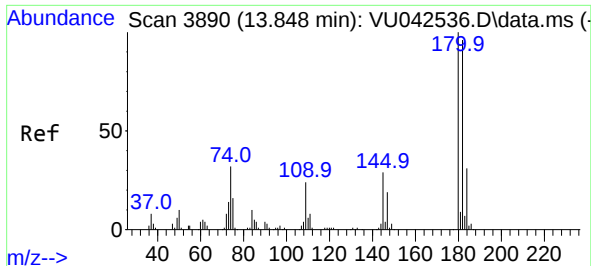
SAM
3/12/2021 5:18:44 PM



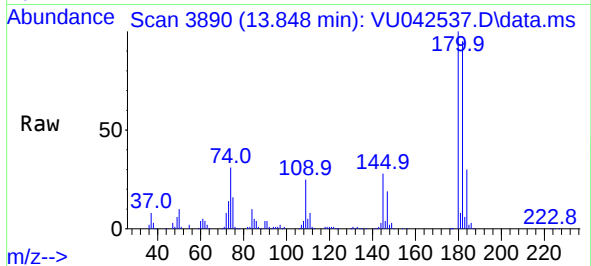
#86
1,2-Dibromo-3-Chloropropane
Concen: 24.28 ug/l
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58

Tgt Ion: 75 Resp: 31939
Ion Ratio Lower Upper
75 100
155 80.1 65.2 97.8
157 104.4 84.0 126.0

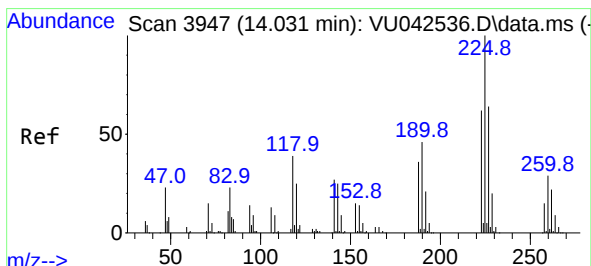
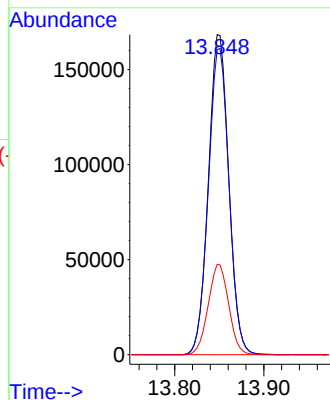
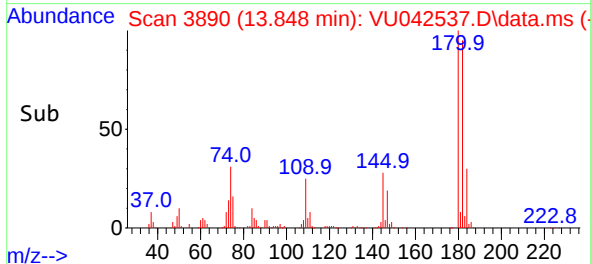




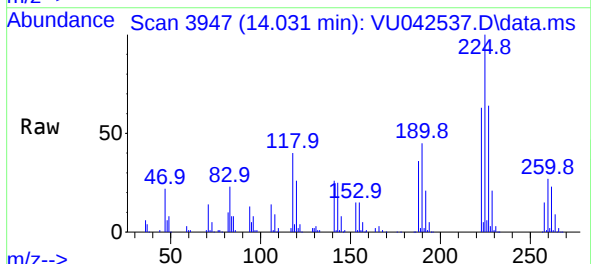
#87
1,2,4-Trichlorobenzene
Concen: 24.60 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



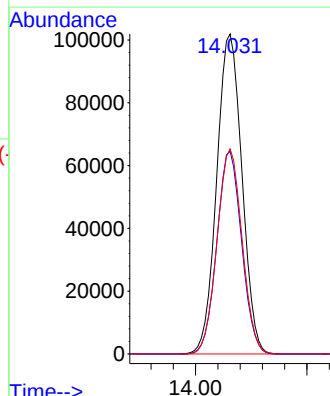
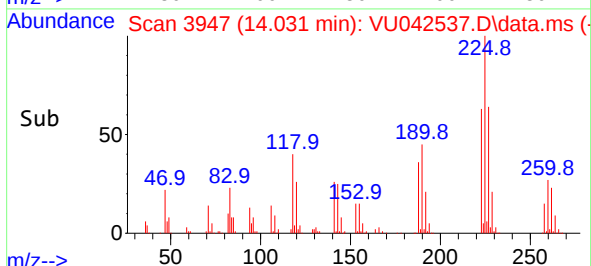
Tgt Ion:180 Resp: 267240
Ion Ratio Lower Upper
180 100
182 96.8 76.2 114.2
145 28.3 23.0 34.4



#88
Hexachlorobutadiene
Concen: 25.68 ug/l
RT: 14.031 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



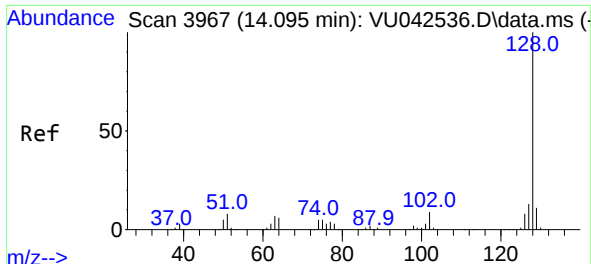
Tgt Ion:225 Resp: 160291
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.4
227 63.6 51.4 77.2



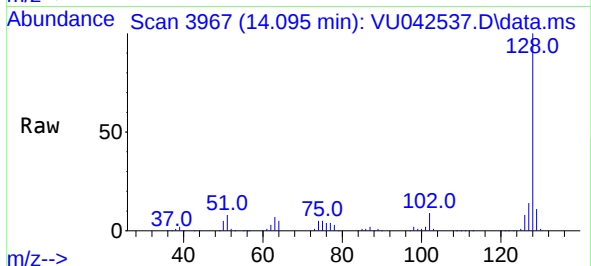
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

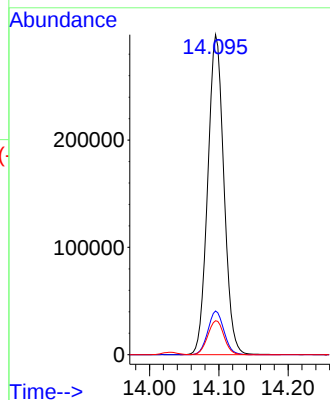
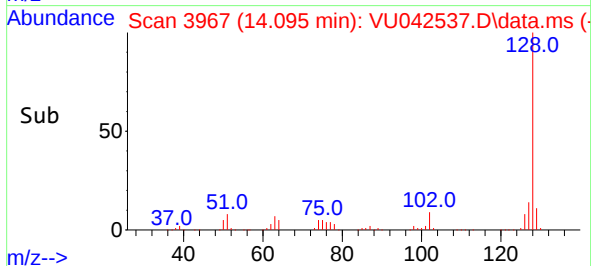
SAM
3/12/2021 5:18:44 PM



#89
Naphthalene
Concen: 23.87 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



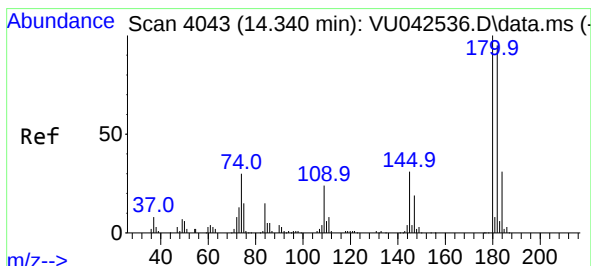
Tgt Ion:128 Resp: 480677
Ion Ratio Lower Upper
128 100
127 13.6 10.9 16.3
129 10.7 8.9 13.3



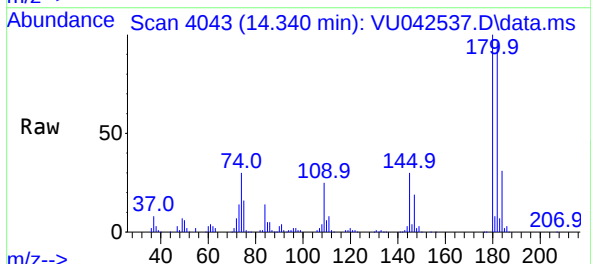
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

SAM
3/12/2021 5:18:44 PM



#90
1,2,3-Trichlorobenzene
Concen: 24.96 ug/l
RT: 14.340 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU042537.D
Acq: 09 Mar 2021 12:58



Tgt Ion:180 Resp: 249139
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 30.2 24.2 36.4

